



National Highway Traffic Safety Administration

#### Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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Administration

U.S. Department of Transportation National Highway Traffic Safety

### **CASE SUMMARY**

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

PSU 75 CASE NO. 198B TYPE OF ACCIDENT Compact Utility Roll Over.

# A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

(Provide a summary of the accident sequence as well as any particular event of the accident that is noteworthy. Injury mechanism and vehicle crashworthiness is the focus, not driver culpability. Do not include any personal identifiers.)

\*See Attached\*

		B. VEHI	CLE PROFILE(	S)		
	Class		Most Sever Based on Vehi	_		
Vehicle No.	of Vehicle	Year/Make/Model	Damage Plane	Severity Description	Component Failure	
			}			
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DO NOT SANITIZE THIS FORM

	C. PERSON PROFILE(S)						
Vehicle	Person	Seat	Restraint		Most S	Severe TED BY	Injury ZONE CENTER)
No.	Role	Position	Use	Body Region	Injury Type	AIS	Injury Source

#### **Body Region**

Abdomen
Ankle-foot
Arm (upper)

Back-thoracolumbar spine

Brain
Chest
Ears
Eye
Elbow
Face
Forearm
Head—skull

Heart Kidneys Knee Leg (lower)

Liver
Lower limbs(s) (whole or unknown part)

Mouth

Neck-cervical spine

Nose

Pelvic-hip

Pulmonary-lungs

Shoulder Spleen Thigh

Thyroid, other endocrine gland

Upper limb(s) (whole or unknown

part) Vertebrae Whole body Wrist-hand

#### Injury Type

Abrasion Amputation Avulsion Burn Concussion Contusion Crush

Detachment, separation

Dislocation

Fracture

Fracture and dislocation

Laceration Other

Perforation, puncture

Rupture Sprain Strain

Total severance, transection

Unknown

#### Abbreviated Injury Scale

- (1) Minor injury
- (2) Moderate injury
- (3) Serious injury
- (4) Severe injury
- (5) Critical injury
- (6) Maximum (untreatable)
- (7) Injured, unknown severity

### DO NOT SANITIZE THIS FORM

PSU75 CASE 198B 1995 Case Summary Form

TYPE OF ACCIDENT: COMPACT UTILITY ROLL OVER

### A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

Vehicle #1 was west bound on the entrance ramp onto a U.S. highway. The driver was young and inexperienced with driving. The driver was trying to put on his seat belt and ran off the right side of the road. The passenger in the right front seat grabbed the steering wheel and jerked it to the left and entered the highway. The Vehicle started sliding counter clockwise. Either the driver or the passenger grabbed the steering wheel and the Vehicle started to slid, and rolled over onto the left side. The Vehicle rolled five quarter turns and came to rest on it's left side facing northeast at the end of the entrance ramp to the highway. The driver was ejected out the left front window and came to rest along the cement barrier. The vehicle was towed from the scene. Four of the occupants were treated and released. The driver was transported and pronounced dead at the hospital.

PSU75

1995 Case Summary Form

CASE 198B TYPE OF ACCIDENT: COMPACT UTILITY ROLL OVER

### B. VEHICLE PROFILE(S)

v e h. No	Class of Vehicle	Year/Make/ Model	Damage Plane	Severity Descr.	Component Failure	_
01 01	Compact Utility	90/Toy/4 Runner	Тор	Severe	None	

PSU75

1995 Case Summary Form

CASE 198B

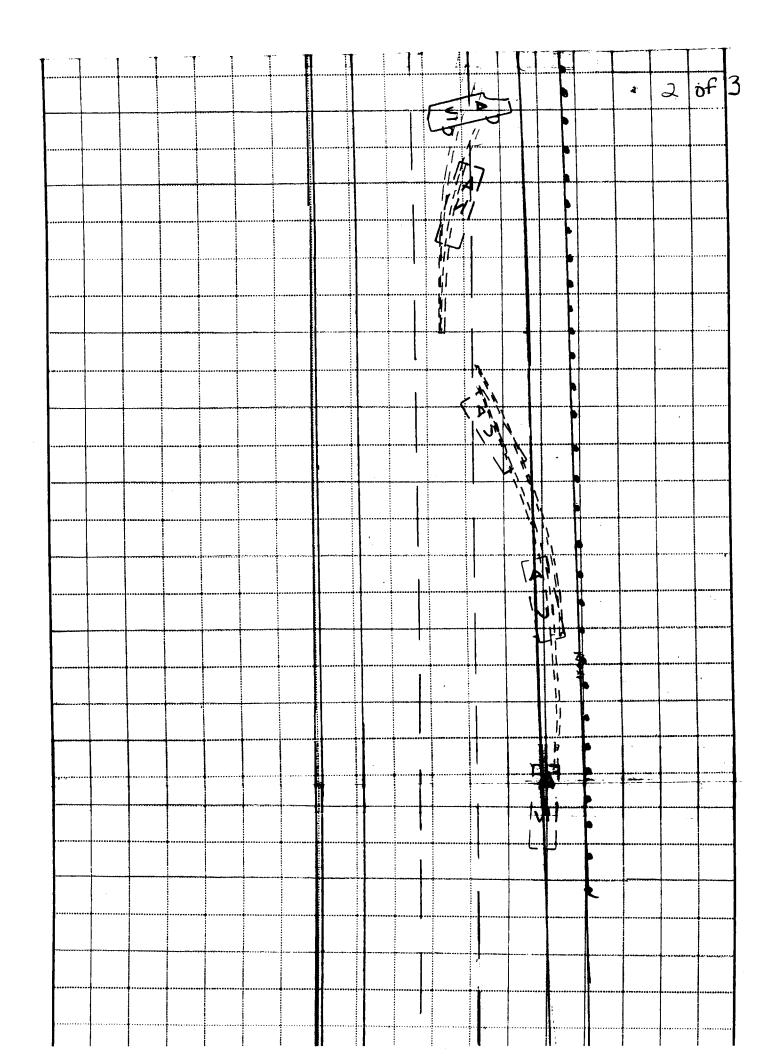
TYPE OF ACCIDENT: COMPACT UTILITY ROLL OVER

### C. PERSON PROFILE(S)

e h. No	Person Role	Seat Positon	Restraint Use 	Body Region	Injury Type	A I S	Injury Source
01 01 01	Driver Passenger Passenger Passenger Passenger	L Front R Front Second L Second M Second R	None None L&S Lap L&S	Brain Head Knee Shoulder Hand	LOC Laceration Abrasion Contusion Abrasion	1 1 1	Roof of vehicle Roof of Vehicle Seat back Seat back Roof

# **ACCIDENT COLLISION DIAGRAM**

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINGS DATA SYSTEM tedonal Highway Traffic Safety Administration 198B Indicate PBU No. 75 North Case Number - Stratum , D D



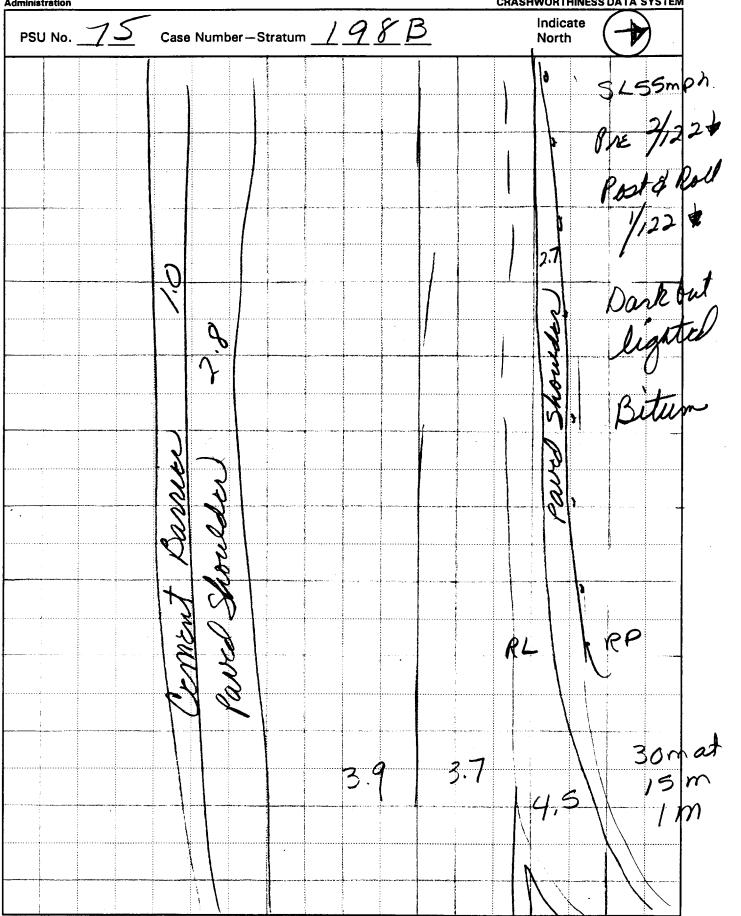
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### **ACCIDENT COLLISION DIAGRAM**

National Highway Traffic Safety Administration

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM





# **ACCIDENT COLLISION**

ENT TARIE NATIONAL ACCIDENT SAMPLING SYSTEM

ational Highway Traffic Safety dministration	MEASUREMENT TABLE	CR	ASHWORTHINESS DATA SYSTEM
Primary Sampling Unit Number $\_{\mathcal{I}}$	Case N	Number —	Stratum/ 9
ACCIDENT COL	LISION DIAGRAM		
all road/roadway delineation (e.g., curbs/edge lines, lane markings, median markings, pavement markings, parked vehicles, poles, signs, etc.)     all traffic controls (e.g., speed limit)     north arrow placed on diagram     roadway surface type and condition of applicable roadways     grade measurements for all applicable roadways and at location of rollover initiation     roadway curvature	Pocument vehicle dynamics including:	and fina Grade (v Measure (at locat	Type Bitum  Dry  ent of .75  white impact trest)  Type Bitum  Dry  1/22  I rest)  1/22  I rest)
Reference Point: East ene Luardrail	Reference line:	Nou	I road codge
_XILLARARANY		ala de Co	
	Distance and Dir	ection	Distance and Direction

Luardrail	on	
Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
BRF	7.8 W	1 7w
	14.3	2.7
BGR damage	15.8	2.7
BRR	16.6	1.7
RF	16.9	1.1
RF	1	0
RR	24.5	0 4
ERF	30.5	2.5 So.
ERR	34.9	3.5 5,
	37.2	
Biggar Shids again E 15#	50.8	
E2-d	52.6	
alot of scrapes	V	<i>V</i>

HS Form 431A (1/95)

over

ltem	Distance and Direction from Reference Point	Distance and Direction from Reference Line
Boil Spill E"	76.0 W 77.6 "	2.9 SD
En	77.6 "	2.950
		,
<u> </u>		
	J	

U.S. Department of Transportation National Highway Traffic Safety

# **ACCIDENT FORM**

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Administration				DECLAR OFFICE	INDICATO	DC
1. Primary Sampli	ina Unit Number	15	S	PECIAL STUDIES	5 - INDICATO	no
2. Case Number -	_	198B	that h	( ) each special sas been completed; studies and 0 for	code 1 for the	e checked
<u></u>	DENTIFICATIO	14	Checke	a.		_
3. Number of Ger Forms Submitt		0/	6	SS15 Administr	ative Use	<u>O</u>
4. Date of Accide	, and a second	/ 9 5	7	SS16 Pedestria (Data for this specia in a separate file.) SS17 Impact Fi	l study available	udy <u>0</u>
5. Time of Accide		2025	9	SS18 Unsafe D		<u>_</u>
Code repoi	rted military time	or accident.				
	dnight = 2400 known = 9999		10	SS19		
				NUMBER O	F EVENTS	
				lumber of Recorded on This Accident	Events	0/
			1	Code the number of entire this accident.	events which oc	curred
		ACCIDE	NT EVEN	TS		
	that occurred in the	e accident, code the		nbered vehicle in the l	eft columns and	the other
Accident Event			General	Vehicle Number		General
Sequence	Vehicle	Class Of	Area of	or	Class Of	Area of
Number	Number	Vehicle	Damage	Object Contacted	Vehicle	Damage
12. <u>0</u> <u>1</u>	13. <u>O</u>	14/_4_	15.	16. <u>3</u> <u>/</u>	17. <u>00</u>	18. <u>//</u>
19. <u>0</u> <u>2</u>	20	21	22	23	24	25
26. <u>0</u> <u>3</u>	27	28	29	30	31	32
33. 0 4	34	35	36	37	38	39
40 0 5	41	42.	43.	44.	<b>45</b> .	46.

IF GREATER THAN FIVE EVENTS, CONTINUE CODING ON THE ACCIDENT EVENT SUPPLEMENT

	CODES FO	R CL	ASS OF VE	HICLE		
(00) Not a mot	tor vehicle		(31)	Large pickup truck (≤ 4,	500 kas GV	/WR)
, ,	tor venicie act/mini (wheelbase < 254 cm)			Other pickup truck (≤ 4,		
	(wheelbase ≥ 254 but < 265 cm)			Unknown pickup truck ty		
	ate (wheelbase ≥ 265 but < 278 cm)			Other light truck (≤ 4,50		
• • •	wheelbase ≥ 278 but < 291 cm)		(48)	Unknown light truck type	(≤ 4,500	kgs GVWR)
(05) Largest (v	wheelbase ≥ 291 cm)		• •	Unknown light vehicle ty		
	passenger car size			School bus (excludes van		,500 kgs GVWR
	utility vehicle			Other bus (> 4,500 kgs	GVWR)	
	ity vehicle (≤ 4,500 kgs CVWR)			Unknown bus type Truck (> 4,500 kgs GVV	VR)	
	tion wagon (≤ 4,500 kgs GVWR) utility type			Tractor without trailer	•••,	
	≤ 4,500 kgs GVWR)			Tractor-trailer(s)		
	1 (≤ 4,500 kgs GVWR)		(78)	Unknown medium/heavy	truck type	
(24) Van Base	d school bus (≤ 4,500 kgs GVWR)		(79)	Unknown light/medium/h	eavy truck	type
	n type (≤ 4,500 kgs GVWR)			Motored cycle		
	van type (≤ 4,500 kgs GVWR)			Other vehicle		
(30) Compact	pickup truck (≤ 4,500 kgs GVWR)		(99)	Unknown		
	CODES FOR GENER	AL A	REA OF	DAMAGE (GAD)		
CDS APPLICA			Right sid		(T) Top	•
AND OTHER	(N) Noncollision	(L)	Left side			dercarriage
VEHICLES	(F) Front	(B)	Back		(9) Unk	nown
			1 6 11		/C\ D==	fb
TDC	(0) Not a motor vehicle		Left side	nit with coreo oron		r of cab nt of cargo area
APPLICABLE	(N) Noncollision (F) Front	(0)		init with cargo area railer or straight truck)	(T) Top	_
VEHICLES	(R) Right side	(D)		r of tractor)	•	, dercarriage
	(m) hight side	(0)	Duck (IC	ii or tractory	(9) Unk	
	CODES FOR VEHICLE N	UME				
(01-30) — Ve	hicle Number		• -	) Fence		
Name alliaian			-	) Wall ) Building		
Noncollision (31) Overt	:urn - rollover (excludes end-over-end)			) Ditch or culvert		
	ver — end-over-end		•	) Ground		
	or explosion		(62	) Fire hydrant		
(34) Jackk				) Curb		
(35) Other	intraunit damage (specify):			) Bridge	-: <b>.</b>	
(36) None	ollision injury		(08	) Other fixed object (spe	city):	
	noncollision (specify):		(69	) Unknown fixed object		
· · · · · · · · · · · · · · · · · · ·						
(39) Nonce	ollision — details unknown			on with Nonfixed Object ) Passenger car, light tru	ok van or	other vehicle
Collision With	Fixed Object		(70	not in-transport	CK, Vall, Of	Other Vehicle
	(≤ 10 cm in diameter)		(71	) Medium/heavy truck or	bus not in-	transport
	(> 10 cm in diameter)			) Pedestrian		,
	obery or bush			) Cyclist or cycle		
(44) Emba			(74	) Other nonmotorist or c	onveyance	
(45) Break	(away pole or post (any diameter)		175	\ \/abiala aggunant		
Nonbreakawa	y Pole or Post			) Vehicle occupant  Animal		
1	y Pole of Post or post (≤ 10 cm in diameter)		•	) Train		
1 ' '	or post ( $> 10$ cm but $\leq 30$ cm in diame	eter)	(78	Trailer, disconnected in		
(52) Pole (	or post (> 30 cm in diameter)			) Object fell from vehicle		rt
(53) Pole (	or post (diameter unknown)		(88)	) Other nonfixed object	specify):	
(54) Cons	rete traffic barrier		(89	) Unknown nonfixed obj	ect	
1	ct attenuator		,0,	, Similarii nominad obj	•	
	r traffic barrier (includes guardrail)		(98	Other event (specify):		
	ify):					
1			(99	<ul> <li>Unknown event or obje</li> </ul>	ct	

Page 2

National Accident Sampling System-Crashworthiness Data System: General Vehicle Form

PRECRASH ENVIRONMENTAL DATA 25. Roadway Surface Condition (1) Dry 19. Relation To Interchange Or Junction (2) Wet (0) Non-interchange area and non-junction (3) Snow or slush (1) Interchange area related (4) Ice (5) Sand, dirt, or oil Non-Interchange junctions (8) Other (specify): (2) Intersection related (9) Unknown (3) Driveway, alley access related (4) Other junction (specify) 26. Light Conditions (5) Unknown type of junction (1) Daylight (2) Dark (9) Unknown (3) Dark, but lighted (4) Dawn (5) Dusk 20. Trafficway Flow (9) Unknown (0) Not physically divided (two way traffic) (1) Divided trafficway-median strip without positive barrier 27. Atmospheric Conditions (2) Divided trafficway-median strip with positive (0) No adverse atmospheric-related driving barrier conditions (3) One way traffic (1) Rain (9) Unknown (2) Sleet/hail (3) Snow (4) Fog 21. Number Of Travel Lanes (5) Rain and fog (1) One (6) Sleet and fog (2) Two (7) Other (e.g., smog, smoke, blowing sand or (3) Three dust, etc.) (specify): (4) Four (5) Five (9) Unknown (6) Six (7) Seven or more 28. Traffic Control Device (9) Unknown (O) No traffic control(s) (1) Traffic control signal (not RR crossing) 22. Roadway Alignment (1) Straight Regulatory (2) Curve right (2) Stop sign (3) Curve left (3) Yield sign (9) Unknown (4) School zone sign (5) Other regulatory sign (specify): 23. Roadway Profile (6) Warning sign (not RR crossing) (1) Level (7) Unknown sign (2) Uphill grade (>2%) (8) Miscellaneous/other controls including RR (3) Hill crest controls (specify): (4) Downhill grade (>2%) (5) Sag (9) Unknown (9) Unknown 24. Roadway Surface Type 29. Traffic Control Device Functioning (0) No traffic control device (1) Concrete (1) Traffic control device not functioning (2) Bituminous (asphalt) (specify): (3) Brick or block (2) Traffic control device functioning properly (4) Slag, gravel, or stone (9) Unknown (5) Dirt (8) Other (specify): \_ (9) Unknown

ational Accident Sampling System-Crashworthiness Da	ita System: General Vehicle Form Page 5
OCCUPANT RELATED	44. Vehicle Cargo Weight
37. Driver Presence in Vehicle (0) Driver not present (1) Driver present (9) Unknown	Code weight to nearest  10 kilograms.  (000) Less than 5 kilograms  (450) 4,500 kilograms or more  (999) Unknown  Disk X 4536 =, kgs
38. Number of Occupants This Vehicle (00-96) Code actual number of occupants for this vehicle	Source:ROLLOVER DATA
(97) 97 or more (99) Unknown	45. Rollover 0.5
39. Number of Occupant Forms Submitted $O$	(00) No rollover (no overturning)  Rollover (primarily about the longitudinal axis)
AIR BAG RELATED  40. Is this an AOPS Vehicle? (0) No (includes unknown) (1) Yes - researcher determined (2) VIN determined air bag system (3) VIN determined automatic (passive) belts (4) VIN determined air bag and automatic (passive) belts	(01-16) Code the number of quarter turns (17) Rollover, 17 or more quarter turns (specify): (98) Rollover-end-over-end (i.e., primarily about the lateral axis) (99) Rollover (overturn), details unknown  46. Rollover Initiation Type (00) No rollover
41. Air Bag(s) Deployment, First Seat Frontal (0) Not equipped or not available (1) No air bags deployed  Single Air Bag Vehicle (2) Driver air bag deployed (3) Driver air bag, unknown if deployed	(01) Trip-over (02) Flip-over (03) Turn-over (04) Climb-over (05) Fall-over (06) Bounce-over (07) Collision with another vehicle
Multiple Air Bag Vehicle  (4) Driver side only deployed (5) Passenger side only deployed (6) Driver and passenger side deployed (7) Driver and passenger side unknown if deployed (8) Air bag(s) deployed, details unknown (9) Unknown  42. Air Bag(s) Deployment, Other Than First	(08) Other rollover initiation type specify):  (98) Rolloverend-over-end (99) Unknown rollover initiation type  47. Location of Rollover Initiation (0) No rollover (1) On roadway (2) On shoulder—paved (3) On shoulder—unpaved (4) On roadside or divided trafficway median
Seat Frontal  (O) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact)  (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)  (5) Unknown if deployed (7) Nondeployed (9) Unknown	(8) Rollover-end-over-end (9) Unknown  48. Rollover Initiation Object Contacted (Note: Applicable codes on back of page)  49. Location on Vehicle Where Initial Principal Tripping Force Is Applied (0) No rollover (1) Wheels/tires (2) Side plane (3) End plane
VEHICLE WEIGHT ITEMS  43. Vehicle Curb Weight  Code weight to nearest  10 kilograms.  (045) Less than 450 kilograms	(4) Undercarriage (5) Other location on vehicle (specify):  (6) Non-contact (ollover forces (specify):  (8) Rollover-end-byer end (9) Unknown  50. Direction of Initial Roll (0) No rollover (1) Roll right - primarily about the longitudinal axis (2) Roll left - primarily about the longitudinal
(610) 6,100 kilograms or more (999) Unknown , lbs X .4536 = 1,839 kgs Source	axis (8) Rolloverend-over-end (9) Unknown roll direction

# CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

(00) No rollover (01-30) — Vehicle Number	(57) Fence (58) Wall
	(59) Building
Noncollision	(60) Ditch or culvert
(31) Turn-over – fall-over	(61) Ground
(32) No rollover impact initiation (end-over-end)	(62) Fire hydrant
(34) Jackknife	(63) Curb
	(64) Bridge
Collision With Fixed Object	(68) Other fixed object (specify):
(41) Tree (≤ 10 cm in diameter)	
(42) Tree (> 10 cm in diameter)	(69) Unknown fixed object
(43) Shrubbery or bush	(00) 0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(44) Embankment	Collision with Nonfixed Object
( , , , _ , , , , , , , , , , , , , , ,	(70) Passenger car, light truck, van, or other
(45) Breakaway pole or post (any diameter)	vehicle not in-transport
( 10) Diddicarray polo of pool (ally didillotol)	(71) Medium/heavy truck or bus not in-transport
Nonbreakaway Pole or Post	(76) Animal
(50) Pole or post (≤ 10 cm in diameter)	(77) Train
(51) Pole or post ( $\geq$ 10 cm but $\leq$ 30 cm in	(78) Trailer, disconnected in transport
diameter)	(79) Object fell from vehicle in-transport
(52) Pole or post (> 30 cm in diameter)	(88) Other nonfixed object (specify):
(53) Pole or post (diameter unknown)	(00) Other normixed object (opening)
(00) Tole of post (diameter disknown)	(89) Unknown nonfixed object
(54) Concrete traffic barrier	(OU) OTHEROWIT HOLLINGS OBJUGE
(55) Impact attenuator	(98) Other event (specify):
(56) Other traffic barrier (includes guardrail)	(OU) Other Overte (opposity):
(specify):	(99) Unknown event or object
(apecity).	(00) Chikhowh event of object



U.S. Department of Transportation National Highway Traffic Safety Administration	EXTERIOR VE	HICLE FORM	NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM
Primary Sampling Unit Number     Case Number - Stratum	198B	3. Vehicle Number	01
	VEHICLE IDE	NTIFICATION	
VIN <u>J T 3 V N 3 9</u>	9WXL		Model Year $92$
Vehicle Make (specify):	yota	Vehicle Model (spec	sify): 4 Runner
	LOCA	ATOR	
Locate the end of the damage with or an undamaged axle for side imp		longitudinal center line	or bumper corner for end impacts
Specific Impact No. Location of Dire		Location of Field L	Location of Max Crush
1 RA-Pilla			
1 20 to front	of Drillan		
0	0		
	CRUSH PROFILE	IN CENTIMETERS	
NOTES: Identify the plane at whin sill, etc.) and label adjust	ch the C-measurement ments (e.g., free spac	s are taken (e.g., at bu e).	mper, above bumper, at sill, above
Measure C1 to C6 from a impacts.	driver to passenger sid	le in front or rear impac	ets and rear to front in side
Free space value is defin	ed as the distance bet	ween the baseline and	the original body contour taken at

the individual C locations. This may include the following: bumper lead, bumper taper, side protrusion, side taper, etc. Record the value for each C-measurement and maximum crush.

Use as many lines/columns as necessary to describe each damage profile.

Specific Impact Number	Plane of Impact C-Measurements	Direct D Width (CDC)	Max Crush	Field L	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C₄	C <sub>5</sub>	C <sub>6</sub>	±D
1	Top	397	183	ous	9						
			150	toyn	oung	0					
	TAU		33	0							
										,	
- 1	(L) Side		44.0								
	(b)Sede E.S		7.0								
	TAU		37.0								
										.,	

# ORIGINAL SPECIFICATIONS WORK SHEET

Wheelbase	103.3 inches		262 cm
Overall Length	196.5 inches	x 2.54 =	<u>499</u> cm
Maximum Width	inches	x 2.54 =	<u> 169</u> cm
Curb Weight	, pounds	x .4536 =	<u> 1,8 39</u> kg
Average Track	inches	x 2.54 =	<u> </u>
Front Overhang	inches	x 2.54 =	<u></u>
Rear Overhang	inches	x 2.54 =	
Undeformed End Width	inches	x 2.54 =	cm
Engine Size: cyl./displ.		x .001 =	L
	CID	x .0164 =	<u>3.0</u> L

1990 manhamis Speces

	VEHICLE DAMAGE SKETCH	
TIRE—WHEEL DAMAGE  a. Rotation physically b. Tire restricted deflated  RF 2 RF 2 LF 2 LF 2 LR 2 LR 2 LR 2 LR 2	ORIGINAL SPECIFICATIONS  Wheelbase	WHEEL STEER ANGLES (For locked front wheels or displaced rear axles only)  RF ± o  LF ± o  RR ± o  LR ± o  Within ± 5 degrees  DRIVE WHEELS  FWD □ RWD □ 4WD  Approximate Cargo Weight □ kg
112 44 81	MEASUREMENTS IN CENTIMETERS  39 4 62  17 Original Bumper height  POST-CRASH  Bumper corner 62 38 47443  794  POST-CRASH  Bumper corner 111  Stringline 115	3 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10

NOTES: Sketch new perimeter and cross hatch direct damage and single hatch induced damage on all views. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.). If pulling trailer, sketch type of trailer and damage received on the back of this page.

CDC WORKSHEET

		CC	DES FOR C	BJECT CON	TACTED			
(01-30) -	– Vehicle Nur	nber			') Fence 3) Wall			
Noncollis	ion			•	) Building			
/21\ (	ouri Overturn — ro	llover (excludes	end-over-en		) Ditch or	culvert		
	Rollover—end-		0,10 0,00 0		) Ground			
	Fire or explosi				) Fire hydr	ant		
	Jackknife	J11			3) Curb			
		damage (specif	v):		l) Bridge			
_					3) Other fix	ed object (s	specify):	
	Noncollision in Other noncollis			(69	) Unknowi	n fixed obje	ct	
/20/ [	Noncollision —	- details unknow	'n	Collis	ion with No	nfixed Obie	ct	
(39) 1	AOTICOMSION —	- details diskilow	••	(70	) Passenge	er car, light	truck, van,	or other
Collision	With Fixed Of	hiect		•		ot in-transp		
	Tree (≤ 10 cm			(7:	) Medium/	heavy truck	or bus not	in-transport
,	Tree (> 10 cr				2) Pedestria			
	Shrubbery or I			(7:	3) Cyclist o	r cycle		
	Embankment			(74	4) Other no	nmotorist o	r conveyan	ce
(45)	Breakaway po	le or post (any d	iameter)	(7!	5) Vehicle (	occupant		
(,	2. Caa, po	,	•	(7)	6) Animal	-		Ĭ
Nonbreal	kaway Pole or	Post			7) Train			
(50)	Pole or post (:	≤ 10 cm in diam	eter)		B) Trailer, c			
(51)	Pole or post (	> 10 cm but ≤	30 cm in		9) Object fo			
	diameter)			(8)	B) Other no	onfixed obje	ct (specify):	
(52)	Pole or post (	> 30 cm in diam	neter)		***			
(53)	Pole or post (d	diameter unknow	n)	(8)	9) Unknow	n nonfixed	object	
(54)	Concrete traff	ic barrier		(9)	B) Other ev	ent (specify	/):	
	Impact attenu		J 100	10	9) Unknow	n avant ar	hioot	
	Other traffic b (specify):	arrier (includes (	guarorali)	(9	9) Ulikilow	ii event or t	Diject	
		DESCRIMA	TION OLACO	IFICATION E	V EVENT N	LIMPED		
		DEFORMA	ION CLASS	IFICATION E	(4)	(5)		
Accident		(1) (2)		40)	Specific	Specific	(6)	(7)
Event	011	Direction	Incremental Value of	(3) Deformation	Longitudinal or Lateral	Vertical or Lateral	Type of Damage	Deformation
Sequence Number	Object Contacted	of Force (degrees)	Shift	Location	Location	Location	Distribution	Extent
- CO /		(dogreco)	~~~	1				<u> </u>
	3/	000	00	<b></b>	$\mathcal{D}$	H	$\mathcal{L}$	
<u> </u>	$\overline{}$	2 2 2			<u> </u>	T	6	2704
	<u> </u>	000	<u>0</u> 0		$\mathcal{D}_{-}$	<u> </u>	$\alpha$	00
	·					<del></del> ·		
				<del></del>			<del></del>	
							<del></del>	
					<del></del>			
							<del></del>	

National Accid	ient Sampling	System-Crash	Worthiness Date	TION CLAS	CIEICATIO	N	
		COLLISION	DEFURIMA	TION CLAS	SIFICATIO		
HIGHEST	DELTA "V"						
Accident Event Sequence Number	Object Contacted	(1) (2) Direction of Force	(3) Deformation Location	(4) Longitudinal or Lateral Location	(5) Vertical or Lateral Location	(6) Type of Damage Distribution	(7) Deformation Extent
4.01	5.31	6. <u>()</u> <u>()</u>	7. <u>T</u>	8	9	10.	11.04
Second Hi	ighest Delta "V	, <del>u</del>					
12	13	14	15	16	17	18	19
		CRUS	SH PROFILE	IN CENTIV	IETERS		
						he document	ed
	The crush pro in the app	tile for the da opriate space	mage described below. (ALL N	d in the CDC(s) MEASUREMEN	TS ARE IN CE	NTIMETERS.)	<del>-</del>
HIGHEST	DELTA "V"						
20.	21.	6		•	C	C	22. ±D
		C <sub>2</sub>			C <sub>5</sub>	C <sub>6</sub>	
							+
					<u>.                                    </u>		
			·				
Second H	ighest Delta "\	<i>!</i> "					
		•					25.
23. L	24. C₁	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>6</sub>	±D
							+
(Code	formed End Wid ed when highest	severity	998	28. Origin	nal Wheelbase Code to the	nearest	263
impac	t is an end plan Code to the n	e impact.) earest centime	eter	(650)	centimeter 650 centime	ters or more	
(998)	250 centimet			(999) <i>[C</i>	Unknown 3.2 inches	X 2.54 = 26	3 centimeters
				29. Origin	nal Average Tra		148
	Damage Width highest severity		<u>250</u>	_	Code to the centimter		<u> </u>
(250)	Code to the n	earest centime	eter	1	) 185 centime ) Unknown		/ <b>C</b> /
1	Unknown	J.J J. 111010			inches	$\times 2.54 = 4$	6 centimeters

			FUEL SYSTEM
30.	Are CDCs Documented but Not Coded on The	0	35. Location of Fuel Tank-1 Filler Cap
	Automated File? (0) No (1) Yes		<ul> <li>36. Location of Fuel Tank-2 Filler Cap</li> <li>(0) No fuel tank</li> <li>(1) On back plane</li> <li>(2) Aft of center of the rear wheels (rear axle) on left side plane</li> </ul>
31.	Researcher's Assessment of Vehicle Disposition (0) Not towed due to vehicle damage (1) Towed due to vehicle damage (9) Unknown		<ul> <li>(3) Aft of center of the rear wheels (rear axle) on right side plane</li> <li>(4) Forward of center of the rear wheels (rear axle) on left side plane</li> <li>(5) Forward of center of the rear wheels (rear axle) on right side plane</li> <li>(6) Over the center of the rear wheels (rear axle) on left side plane</li> </ul>
32.	Is This A Multi-Stage Manufactured Vehicle And/Or A Certified Altered Vehicle? (0) No post manufacturer modifications (1) Yes - post manufacturer modifications (specify):		(7) Over the center of the rear wheels (rear axle) on right side plane (8) Other (specify): (9) Unknown  37. Type of Fuel Tank-1
	(Include photograph of CERTIFICATION PLACARD in case report) (9) Unknown if vehicle is modified		38. Type of Fuel Tank-2 (0) No fuel tank (electrical vehicle) (1) Metallic (2) Non-metallic (9) Unknown
	FIRE OCCURRENCE		39. Location of Fuel Tank-1
	Fire Occurrence (0) No fire  Yes, fire occurred (1) Minor (2) Major (9) Unknown  Origin of Fire (0) No fire (1) Vehicle exterior (front, side, back, top) (2) Exhaust system (3) Fuel tank (and other fuel retention system parts) (4) Engine compartment (5) Cargo/trunk compartment (6) Instrument panel (7) Passenger compartment area (8) Other location (specify): (9) Unknown	0	40. Location of Fuel Tank-2  (0) No fuel tank  (1) Aft of center of the rear wheels (rear axle) centered  (2) Aft of center of the rear wheels (rear axle) left side  (3) Aft of center of the rear wheels (rear axle) right side  (4) Forward of center of the rear wheels (rear axle) centered  (5) Forward of center of the rear wheels (rear axle) left side  (6) Forward of center of the rear wheels (rear axle) right side  (7) Over center of the rear wheels (rear axle) right side  (7) Over center of the rear wheels (rear axle)  (8) Other (specify):  (9) Unknown  41. Damage to Fuel Tank-1  42. Damage to Fuel Tank-2  (0) No fuel tank  (1) No damage to fuel tank  (2) Deformed, no seam failure  (3) Deformed, with a seam failure  (4) Punctured  (5) Lacerated (ripped)  (6) Abraded (scraped)  (7) Filler neck separation from the fuel tank  (8) Other damage (specify):  (9) Unknown

National Accident St	ampling System-Crashworthine	ss Data Syster	n: Exterior V	ehicle F	-orm
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		<del></del>	$\Lambda$
43.	Leakage Location of Fuel System-1	1	47. Is This Vehicle Equipped With More Than Two Fuel Tanks?
44.	Leakage Location of Fuel System-2	0	(O) No (one or two tanks only)
	(O) No fuel tank		Yes - More Than Two Tanks
	(1) No fuel leakage		(1) Yes no damage to any tank or filler
			cap and no fuel system leakage
	Primary Area Of Leakage		(2) Yes no damage to any tank or filler
	(2) Tank		(2) Yes no damage to any tank of fine
	(3) Filler neck		cap but there is fuel system leakage
	(4) Cap		(specify leakage location):
	(5) Lines/pump/filter		distance to the second
	(6) Vent/emission recovery		(3) Yes damage to an additional tank or
	(8) Other (specify):		filler cap and there is fuel system leakage
	(9) Unknown		(specify the following):
			Type of tank
		,	Tank location
45.	Fuel Type-1	01	Filler cap location
•		Δ Δ	Tank damage
46.	Fuel Type-2	00	Location of leakage
			Type of fuel
	Single Fuel Type		(9) Unknown if more than two tanks
	(00) No fuel tank		
	(01) Gasoline		
	(O2) Diesel		
	(03) CNG (Compressed Natural Gas)		COMMENTS
	(04) LPG (Liquid Petroleum Gas) also		
	known as Propane		
	(05) LNG (Liquid Natural Gas)		
	(06) Methanol (M100 or M85)		
	(07) Ethanol (E100 or E85)		
	(08) Other (Hydrogen or others) (specify):		
	Electric Powered or Electric/Solar		
	Powered Vehicles		
	(10) Lead Acid Battery		
	(11) Nickel-Iron Battery		
	(12) Nickel-Cadmium Battery		
	(13) Sodium Metal Chloride Battery		
	(14) Sodium Sulfur Battery		
	(18) Other (Specify):		
	(98) Other Hybrid (specify):		
	(99) Unknown fuel type		
			<u> </u>
	*** OTOD JE THE ODG A		BLE VEHICLE WAS NOT TOWED ***
	*** STOP: IF THE COS A	CPI IL.AF	DLE VERILLE WAS INUT TUWED

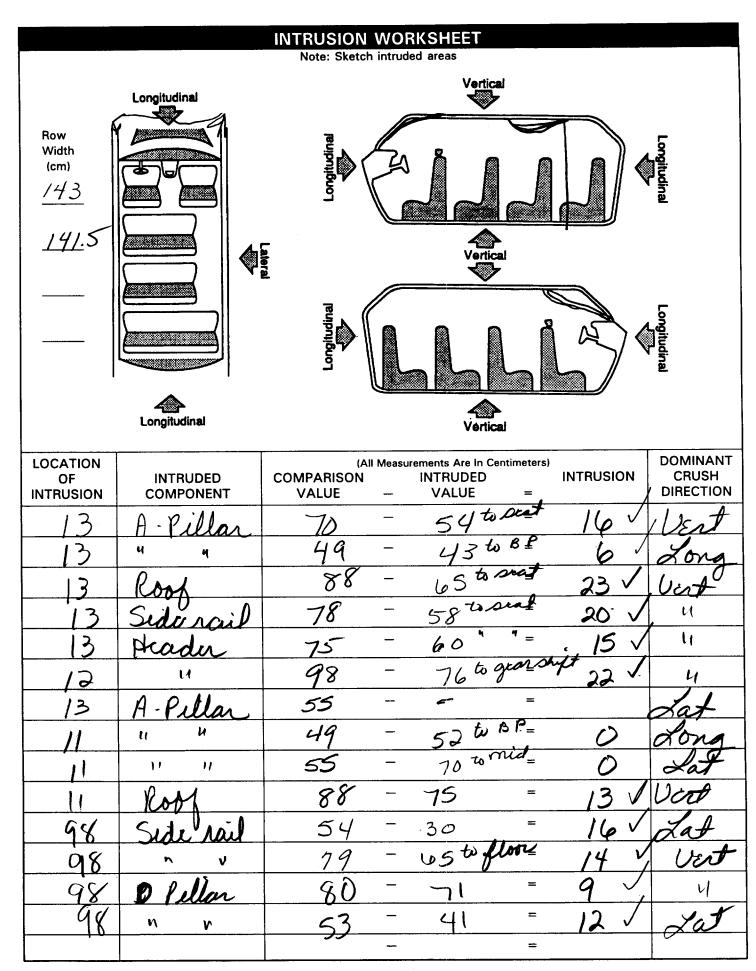
\*\*\* STOP: IF THE CDS APPLICABLE VEHICLE WAS NOT TOWED \*\*\*

(GV10=0)

DO NOT COMPLETE THE INTERIOR VEHICLE FORM.

NATIONAL ACCIDENT SAMPLING SYSTEM

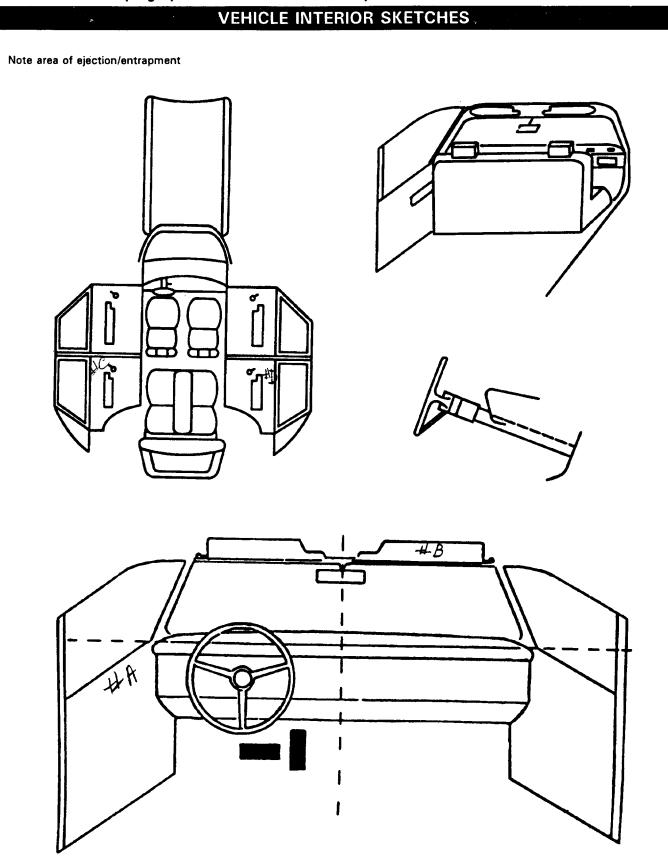
lational Highway Traffic Safety IN LE	KIUK VEHI	CRASHWORTHINESS DATA SYSTE
	7	GLAZING
Primary Sampling Unit Number		ype of Window/Windshield Glazing
2. Case Number - Stratum	8 B 1	5. WS 1 16. LF 3 17. RF 3 18. LR 3 19. RR 3
3. Vehicle Number	<u> </u>	20. BL $\underline{3}$ 21. Roof $\underline{0}$ 22. Other $\underline{3}$
4. Passenger Compartment Integrity (00) No integrity loss  Yes, Integrity Was Lost Through (01) Windshield (02) Door (side) (03) Door/hatch (back door) (04) Roof (05) Roof glass (06) Side window (07) Rear window (backlight) (08) Roof and roof glass (09) Windshield and door (side) (10) Windshield and roof (11) Side and rear window (side window and backlight) (12) Windshield and side window (13) Door and side window (14) Other combination of above (specify): OL OL OT LI	2	(0) No glazing (1) AS-1 — Laminated (2) AS-2 — Tempered (3) AS-3 — Tempered-tinted (original) (4) AS-2 — Tempered-with after market tint (5) AS-3 — Tempered-tinted (with additional after market tint) (6) AS-14 — Glass/Plastic (7) Glazing removed prior to accident (8) Other (specify): (9) Unknown  Window Precrash Glazing Status 23. WS
Door, Tailgate or Hatch Opening	<i>,</i> G	Glazing Damage from Impact Forces
5. LF / 6. RF / 7. LR / 8. RR / 9.	TG/H 3	31. WS $\frac{\lambda}{2}$ 32. LF $\frac{L}{6}$ 33. RF $\frac{L}{6}$ 34. LR $\frac{L}{6}$ 35. RR $\frac{L}{6}$
(0) No door/gate/hatch (1) Door/gate/hatch remained closed and operation (2) Door/gate/hatch came open during collision (3) Door/gate/hatch jammed shut (8) Other (specify):	onal 3	<ul> <li>(0) No glazing</li> <li>(1) No glazing damage from impact forces</li> <li>(2) Glazing in place and cracked from impact forces</li> <li>(3) Glazing in place and holed from impact forces</li> <li>(4) Glazing out-of-place (cracked or not) and not holed from impact forces</li> <li>(5) Glazing out-of-place and holed from impact forces</li> </ul>
Damage/Failure Associated with Door, Tailga Opening in Collision. If IV05-IV09 ≠ 2, The	en code Ø	<ul> <li>(6) Glazing disintegrated from impact forces</li> <li>(7) Glazing removed prior to accident</li> <li>(9) Unknown if damaged</li> </ul>
10. LF () 11. RF () 12. LR () 13. RR () 1	4. TG/H G	Glazing Damage from Occupant Contact
(0) No door/gate/hatch or door not opened		39. WS 40. LF _ 41. RF _ 42. LR _ 43. RR _
Door, Tailgate or Hatch Came Open During Collision  (1) Door operational (no damage)  (2) Latch/striker failure due to damage  (3) Hinge failure due to damage  (4) Door structure failure due to damage  (5) Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage  (6) Latch/striker and hinge failure due to damage  (8) Other failure (specify):	on ,	(0) No glazing (1) No occupant contact to glazing (2) Glazing contacted by occupant but no glazing damage (3) Glazing in place and cracked by occupant contact (4) Glazing in place and holed by occupant contact (5) Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact (6) Glazing out-of-place by occupant contact and holed by occupant contact (7) Glazing removed prior to accident (8) Glazing disintegrated by occupant contact (9) Unknown if contacted by occupant



UCCUPAINT AN	EA INTRUSION
Note: If no intrusions, leave variables IV47-IV86 blank.	INTRUDING COMPONENT
Dominant Location of Intruding Magnitude Crush Intrusion Component of Intrusion Direction	Interior Components (01) Steering assembly (02) Instrument panel left
1st 47. <u>/ 3</u> 48. <u>/ 3</u> 49. <u>3</u> 50. <u>/</u>	(03) Instrument panel center (04) Instrument panel right (05) Toe pan (06) A (A1/A2)-pillar (07) B-pillar
2nd 51. 1 2 52. 1 6 53. 3 54. 1	(07) B-pillar (08) C-pillar (09) D-pillar (10) Side panel - forward of the A1/A2-pillar (11) Door panel (side)
3rd 55. / 3 56. / 4 57. 3 58. /	(11) Door panel (side) (12) Side panel - rear of the B-pillar (13) Roof (or convertible top) (14) Roof side rail (15) Windshield
4th 59. 1 3 60. 0 6 61. 3 62. 1	<ul><li>(16) Windshield header</li><li>(17) Window frame</li><li>(18) Floor pan (includes sill)</li></ul>
5th 63. 98 64. 14 65. 3 66. 3	(19) Backlight header (20) Front seat back (21) Second seat back (22) Third seat back (23) Fourth seat back
6th 67. <u>/ 3</u> 68. <u>/ 6</u> 69. <u>3</u> 70. <u>/</u>	(23) Fourth seat back (24) Fifth seat back (25) Seat cushion (26) Back door/panel (e.g., tailgate)
7th 71. / / 72. / 3 73. 2 74. /	(27) Other interior component (specify):
8th 75. 98 76. 09 77. 2 78. 3	(30) Hood (31) Outside surface of this vehicle (specify):
9th 79 80 81 82	(32) Other exterior object in the environment (specify): (33) Unknown exterior object (97) Catastrophic (98) Intrusion of unlisted component(s)
10th 83 84 85 86	(specify):(99) Unknown
Front Seat Fourth Seat (11) Left (41) Left (12) Middle (42) Middle (13) Right (43) Right  Second Seat (97) Catastrophic (21) Left (98) Other enclosed (22) Middle area (specify)	MAGNITUDE OF INTRUSION  (1) ≥ 3 centimeters but < 8 centimeters  (2) ≥ 8 centimeters but < 15 centimeters  (3) ≥ 15 centimeters but < 30 centimeters  (4) ≥ 30 centimeters but < 46 centimeters  (5) ≥ 46 centimeters but < 61 centimeters  (6) ≥ 61 centimeters  (7) Catastrophic  (9) Unknown
(23) Right  (29) Unknown  Third Seat  (31) Left  (32) Middle  (33) Right	DOMINANT CRUSH DIRECTION (1) Vertical (2) Longitudinal (3) Lateral (7) Catastrophic (9) Unknown

(All Measurements Are in Centimeters)						
OMPARISON VALUE	_	DAMAGE VA	LUE =	DEFORMA	TION	
			=			
			=	<u>.</u>		
			=			
	_		=			
	<u> </u>					
			•			

STEERING COLUMN	INSTRUMENT PANEL
87. Steering Column Type	92. Odometer Reading <u>O 8 3,000</u>
<ul> <li>(1) Fixed column</li> <li>(2) Tilt column</li> <li>(3) Telescoping column</li> <li>(4) Tilt and telescoping column</li> <li>(8) Other column type (specify):</li> <li>(9) Unknown</li> </ul>	kilometers Code to the nearest 1,000 kilometers (000) No odometer (001) Less than 1,500 kilometers (500) 499,500 kilometers or more (999) Unknown, 4  51,456 miles x 1,6093 = 82,808,1 kilometers
88. Tilt Steering Column Adjustment (0) No tilt steering column (1) Full up (2) Between full up and center (3) Center (4) Between center and full down (5) Full down (9) Unknown	Source:  93. Instrument Panel Damage from Occupant Contact? (0) No (1) Yes (9) Unknown  94. Type of Knee Bolster Covering (0) No knee bolster
89. Telescoping Steering Column Adjustment (0) No telescoping steering column (1) Full back (2) Between full back and midpoint (3) Midpoint (4) Between midpoint and full forward (5) Full forward (9) Unknown	(1) Padded (2) Rigid plastic (8) Other (specify): (9) Unknown  95. Knee Bolsters Deformed from Occupant Contact? (0) No knee bolster (1) No deformation (2) Yes - deformation (9) Unknown
90. Steering Rim/Spoke Deformation Code actual measured deformation to the nearest centimeter (00) No steering rim deformation (01-14) Actual measured value in centimeters (15) 15 centimeters or more (98) Observed deformation cannot be measured (99) Unknown	96. Did Glove Compartment Door Open During Collision(s)? (0) No glove compartment door (1) No - door did not open (2) Yes - door opened (9) Unknown
91. Location of Steering Rim/Spoke Deformation (00) No steering rim deformation   Quarter Sections (01) Section A (02) Section B (03) Section C (04) Section D   Half Sections (05) Upper half of rim/spoke (06) Lower half of rim/spoke (07) Left half of rim/spoke (08) Right half of rim/spoke (09) Complete steering wheel collapse (10) Undetermined location (99) Unknown	97. Adaptive (Assistive) Driving Equipment (0) No adaptive driving equipment (1) Adaptive driving equipment installed (Check all that apply.) [] Hand controls for braking/acceleration [] Steering control devices (attached to OEM steering wheel [] Steering knob attached to steering wheel [] Low effort power steering (unit or device) [] Replacement steering wheel (i.e., reduced diameter) [] Joy-stick steering controls [] Wheelchair tie-downs [] Modification to seat belts (specify):  [] Additional or relocated switches (specify):  [] Raised roof [] Wall-mounted head rest (used behind wheelchair) [] Other adaptive device (specify):  (9) Unknown



Sketch windshield contact(s) and the damaged area(s) on the instrument panel outline (e.g., radio, glove

Annotate the contacted area with a letter (begin with A) and list on the Points of Occupant Contact page.

Cross hatch contact points, draw spider webs or use other annotation as may be appropriate.

compartment, damage to instrument panel structure.

Interior Contacted No. If Known Supporting Physical Evidence  A 654 0			PO	INTS OF OCC	CUPANT CONTACT		
B 000 00 00 00 00 00 00 00 00 00 00 00 0	Contact	Component	Occupar No. If	Body nt Region If		Evidence	Confidenc Level of Contact Point
B 003 03 D D 101 05 U U V U V		651	01	an	Rus Mark	<u></u>	1
C OSI D D IOI OS II V V  E F  F G  G H  I I  J K  K M  L M  N N  S CODES FOR INTERIOR COMPONENTS  INTERIOR COMPONENTS  (002) Mirror (003) Sunvisor (004) Stearing wheel frim (005) Stearing wheel frim (	В	003		W 01.1	Blasel		
E  F G G H H I J J K K L L M N N  S FROWT  FOOT  GO33 Survisor  GO32 Survisor  GO32 Survisor  GO33 Survisor  GO33 Survisor  GO35 Steering wheel hub/apoke  GO44 Steering wheel from  GO55 Steering wheel hub/apoke  GO56 Steering wheel hub/apoke  GO56 Steering wheel hub/apoke  GO56 Steering wheel hub/apoke  GO57 Steering wheel hub/apoke  GO58 Steering wheel hub/apoke  GO58 Steering wheel hub/apoke  GO58 Steering wheel hub/apoke  GO59 Add no equipment(e, a, tape  dock, air conditioner)  GO10 Center instrument panel and  below  GO110 Center instrument panel and  below  GO1	С		03		Pub Mask		1
FRONT  I  I  I  I  I  I  I  I  I  I  I  I  I	D		05				1
G H I J K L M N N    CODES FOR INTERIOR COMPONENTS	E	, 0,					
FRONT  CODES FOR INTERIOR COMPONENTS  IL  M  N  CODES FOR INTERIOR COMPONENTS  INTERIOR  INTERIO	F						
Codes   Code	G						
Codes   Code	Н						
K L M N  CODES FOR INTERIOR COMPONENTS  Mindahield (002) Mirror (003) Survisor (004) Steering wheel rim (005) Steering wheel rim/ (005) Steering wheel rim (005) Steering wheel (combination of codes 004 and 005) (007) Steering wheel (combination of codes 004 and 005) (008) Steering wheel (combination of codes 004 and 005) (008) Steering wheel (combination of codes 004 and 005) (009) Steering wheel (combination of codes 004 and 005) (009) Steering wheel (combination of codes 004 and 005) (009) Steering wheel (combination of codes 004 and 005) (009) Cultur talephone or CB (009) Add on equipment(e, q., tape deck, air conditioner) (009) Cultur talephone or CB (009) Cultur talephone (009) Cultur talephone (009) Cultur talephone (009) Cultur talephone (009) Cultur ta							
K L M N  REAR  CODES FOR INTERIOR COMPONENTS  REAR  (301) Backlight (rear window (302) Steering wheel (combination of codes Od4 and O05) Steering wheel (combination of codes Od4 and O05) (007) Steering wheel (combination of codes Od4 and O05) (007) Steering wheel (combination of codes Od4 and O05) (007) Steering on the column, transmission selector lever, other (052) Left side hardware or armest (053) Left A (A1/A2)-pillar (054) Left B-pillar (054) Left B-pillar (055) Cher left pillar (specify):  (008) Callular telephone or CB radio (109) Add on equipment(e.g., tape deck, ar conditioner) (101) Left instrument panel and below will and below will (101) Center instrument panel (101) Center (						·	
N   N   N   SPAN   Search							
N  FRONT (001) Windshield (002) Steering wheel hub/spoke (006) Steering wheel hub/spoke (006) Steering wheel hub/spoke (007) Steering wheel hub/spoke (007) Steering wheel hub/spoke (008) Steering wheel hub/spoke (009) Add on equipmentle quarter telephone or CB radio (009) Add on equipmentle quarter telephone or CB (057) Left side window rame (010) Left instrument panel and below (011) Center instrument panel and below (012) Right instrument panel and below (013) Glove compartment door (014) Knee bolster (015) Windshield including one or more of the following: front header, A (A1/A2-pillar, instrument panel, mirror, or steering assembly (driver side only) (016) Windshield including one or more of the following: front header, A (A1/A2-pillar, instrument panel, or mirror (passeng side only) (016) Windshield including one or more of the following: front header, A (A1/A2-pillar, instrument panel, or mirror (passeng side only) (017) Windshield including one or more of the following: front header, A (A1/A2-pillar, instrument panel, or mirror (passeng side only) (016) Windshield reinforced by exterior object. (specify): (017) Right side window glass including one or more of the following: frame, window exterior object. (specify): (018) Right side window glass including one or more of the following: frame, window side only) (019) Other inforced by	<del>.</del>						
FRONT (001) Windshield (1022) Mirror (1033) Sunvisor (1045) Steering wheel rim (1055) Steering wheel hub/spoke (1066) Steering wheel hub/spoke (1066) Steering wheel hub/spoke (1066) Steering wheel combination of codes 004 and 005) (107) Steering (108) Cellular telephone or CB (108) Cellular telephone or CB (109) Add on equipment(e.g., tape deck, air conditioner) (1010) Left instrument panel and below (1011) Center instrument panel and below (1012) Riight instrument panel and below (1013) Glove compartment door (1014) Knee bolster (1015) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, rimiror, or steering assembly (driver side only) (1016) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (1017) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (1017) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (1017) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (1017) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (1017) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (1017) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (1017) Windshield reinforced by exterior object, (specify): (105) Other rist pag compartment cover-passenger side (105) Other rist pag compartment cover-pass						·	
FRONT (001) Windshield (002) Mirror (003) Survisor (004) Steering wheel rim (005) Steering wheel hub/spoke (006) Steering wheel hub/spoke (006) Steering wheel (combination of codes 004 and 005) (007) Steering column, transmission selector lever, other attachment (008) Cellular telephone or CB radio (009) Add on equipment(e.g., tape deck, air conditioner) (010) Left instrument panel and below (011) Center instrument panel and below (012) Right instrument panel and below (013) Glove compartment door (014) Kines bolster (015) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only) (017) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (019) Other front object (specify): (019)							
(001) Windshield (002) Mirror (003) Survisor (004) Steering wheel rim (005) Steering wheel hub/spoke (006) Steering wheel (combination of codes 004 and 005) (007) Steering (008) Cellular telephone or CB (009) Add on equipment(e.g., tape deck, air conditioner) (010) Left instrument panel and below (011) Center instrument panel and below (012) Right instrument panel and below (013) Glove compartment door (014) Knee bolster (015) Windshield including one or more of the following: from header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (017) Windshield including one or more of the following: from header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (019) Other front object (specify):  (019) Other front object (specify):  (010) Other front object (specify):  (011) Other front object (specify):  (012) Right side window glass including one or more of the following: from passenger side only) (019) Other front object (specify):  (020) All sale restraint system (component (specify):  (055) Other left side window glass including one or more of the following: from header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only) (010) Other front object (specify):  (011) Right side window glass including one or more of the following: front header (specify):  (010) Other front object (specify):  (011) Right side window glass including one or more of the following: front header (specify):  (010) Other front object (specify):  (011) Right side window glass including one or more of the following: front header (specify):  (010) Other front object (specify):  (011) Right side window glass including one or more of the following: front header (specify):  (010) Right side window sill (specify):  (011) Right side window glass including one or more of the following: front header (specify):  (012	14			20222			
sill, A (A1/A2)-pillar, B-pillar, or roof side rail. FLOOR (110) Other right side object (251) Floor (including toe pan) (specify): (252) Floor or console mounted transmission lever, including console	(002) Mirror (003) Sunvisor (004) Steering w (005) Steering w (006) Steering w of codes 0 (007) Steering column, tra selector let attachmen (008) Cellular tel radio (009) Add on eqi deck, air ci (010) Left instrui below (011) Center instrui below (012) Right instrui below (013) Glove com (014) Knee bolst (015) Windshield more of the header, A ( instrument steering as side only) (016) Windshield more of the header, A ( instrument (passenger (017) Windshield exterior obj	wheel rim wheel hub/spoke wheel (combination W4 and OO5) which is a series of the combination wer, other t ephone or CB uipment(e.g., tape onditioner) ment panel and wheel and wheel and wheel and partment door er lincluding one or e following: front (A1/A2)-pillar, panel, mirror, or sembly (driver including one or a following: front A1/A2)-pillar, panel, or mirror side only) reinforced by sect, (specify):	(051) Left exc arm (052) Left (053) Left (054) Left (055) Oth (056) Left (057) Left (058) Left (059) Left incl folk sill, or rr (102) Righ excl arm (102) Righ (103) Righ (104) Righ (105) Oth (106) Righ (107) Righ (107) Righ (108) Righ (109) Other	at side interior surface, cluding hardware or irests to side hardware or irests to A (A1/A2)-pillar to E-pillar (specify):  It side window glass to side window glass uding one or more of the owing: frame, window A (A1/A2)-pillar, B-pillar, oof side rail.  The side window glass uding one or more of the owing: frame, window A (A1/A2)-pillar, B-pillar, oof side rail.  The side interior surface, luding hardware or rests and the side window glass and the side window glass and the side window glass and side window glass uding one or more of the owing: frame, window A (A1/A2)-pillar, B-pillar, oof side rail.  The side window glass and side window glass uding one or more of the owing: frame, window A (A1/A2)-pillar, B-pillar, oof side rail.	(151) Seat, back support (152) Belt restraint webbing/buckle (153) Belt restraint B-pillar or door frame attachment point (154) Other restraint system component (specify):  (155) Head restraint system (160) Other occupants (specify): (161) Interior loose objects (162) Child safety seat (specify):  (163) Other interior object (specify):  AIR BAG (170) Air bag-driver side (170) Air bag compartment cover-driver side (180) Air bag compartment cover-driver side (185) Air bag compartment cover-driver side (190) Other air bag (specify)  (195) Other air bag compartment cover (specify)  ROOF (201) Front header (202) Rear header (203) Roof left side rail (204) Roof right side rail (205) Roof or convertible top  FLOOR (251) Floor (including toe pan) (252) Floor or console mounted transmission lever, including	(302) Backlight stora door, etc. (303) Other rear objections of the control of th	rect (specify):  /E) DRIVING  for ration ol devices EM steering attached to teering wheel liameter) ing controls downs a seat belts, elocated cify):

### MANUAL RESTRAINTS

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

If a Child safety seat is present, encode the data on the back of this page.

If the vehicle has automatic restraints available, encode the appropriate data on the back of the previous page.

	If the venicle has automatic resur	Left	Center	Right
	Availability	4	O	4,
F	Evidence of usage	04	00	04
Ţ	Used in this crash?	0		<u> </u>
R S	Proper Use	0		0
Ť	Failure Modes	0		0
	Anchorage Adjustment			
	Availability		3	4
s	Evidence of usage	04	03	04
SECO	Used in this crash?	04	03	04
Ö	Proper Use			
N D	Failure Modes			1
U	Anchorage Adjustment	i	\ O	
	Availability	•		
0	Evidence of usage			
Ť	Used in this crash?			
Ħ	Proper Use			
ER	Failure Modes			
	Anchorage Adjustment			<u></u>

#### Manual (Active) Belt System Availability

- (0) None available
- (1) Belt removed/destroyed
- (2) Shoulder belt
- (3) Lap belt
- (4) Lap and shoulder belt
- (5) Belt available type unknown

#### Integral Belt Partially Destroyed

- (6) Shoulder belt (lap belt destroyed/removed)
- (7) Lap belt (shoulder belt destroyed/removed)
- (8) Other belt (specify):
- (9) Unknown

#### Manual (Active) Belt System Use

- (00) None used, not available, or belt removed/destroyed
- (01) Inoperable (specify):
- (02) Shoulder belt
- (02) Shoulder beit (03) Lap belt
- (04) Lap and shoulder belt
- (05) Belt used type unknown
- (08) Other belt used (specify):
- (12) Shoulder belt used with child safety seat
- (13) Lap belt used with child safety seat
- (14) Lap and shoulder belt used with child safety seat
- (15) Belt used with child safety seat type unknown
- (18) Other belt used with child safety seat (specify):
- (99) Unknown if belt used

#### Proper Use of Manual (Active) Belts

- (0) None used or not available
- (1) Belt used properly
- (2) Belt used properly with child safety

#### Belt Used Improperly

- (3) Shoulder belt worn under arm
- (4) Shoulder belt worn behind back or seat
- (5) Belt worn around more than one person
- (6) Lap belt worn on abdomen
- (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify):
- (8) Other improper use of manual belt system (specify):
- (9) Unknown

# Manual (Active) Belt Failure Modes During Accident

- (0) No manual belt used or not available
- (1) No manual belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated
- (specify):
- (6) Broken retractor
- (7) Combination of above (specify):
- (8) Other manual belt failure (specify):
- (9) Unknown

### Shoulder Belt Upper Anchorage Adjustment

- (0) No shoulder belt
- (1) No upper anchorage adjustment for shoulder belt

#### Adjustable shoulder Belt Upper Anchorage

- (2) In full up position
- (3) In mid position
- (4) In full down position
- (5) Position unknown
- (9) Unknown if position has adjustable upper anchorage adjustment

### **AUTOMATIC RESTRAINTS**

NOTES: Encode the data for each applicable front seat position. The attribute for the variables may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

AIR BAGS

		Left Front	Right Front	Other
F	Availability/Function			
R	Deployment			
S	Failure			

#### Air Bag System Availability/Function

- (0) Not equipped/not available
- (1) Air bag

#### Non-functional

- (2) Air bag disconnected (specify):
- (3) Air bag not reinstalled
- (9) Unknown

#### Are There Indications of Air Bag System Failure? (This Occupant Position)

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (9) Unknown

### Frontal Air Bag System Deployment

#### (This Occupant Position)

- (0) Not equipped/not available
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, accident sequence undetermined
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

# Air Bag(s) Deployment, <u>Other</u> Than First Seat Frontal (This Occupant Position)

- (0) Not equipped with an \*other\* air bag
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, details unknown
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

#### **AUTOMATIC BELTS**

		Left	Right
	Availability/Function		
F	Use		
Ŕ	Туре		
T	Proper Use		
	Failure Modes	. /	

# Automatic (Passive) Belt System Availability/Function

- (0) Not equipped/not available
- (1) 2 point automatic belts
- (2) 3 point automatic belts
- (3) Automatic belts type unknown

#### Non-functional

- (4) Automatic belts destroyed or rendered inoperative
- (9) Unknown

#### Automatic (Passive) Belt System Use

- (0) Not equipped/not available/destroyed or rendered inoperative
- (1) Automatic belt in use
- (2) Automatic belt not in use (manually disconnected, motorized track inoperative)
- (3) Automatic belt use unknown
- (9) Unknown

#### Automatic (Passive) Belt System Type

- (0) Not equipped/not available
- (1) Non-motorized system
- (2) Motorized system (9) Unknown

# Proper Use of Automatic (Passive) Belt System

- (0) Not equipped/not available/not used
- (1) Automatic belt used properly
- (2) Automatic belt used properly with child safety seat

#### Automatic Belt Used Improperly

- (3) Automatic shoulder belt worn under arm
- (4) Automatic shoulder belt worn behind back
- (5) Automatic belt worn around more than one person
- (6) Lap portion of automatic belt worn on abdomen
- (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify):
- (8) Other improper use of automatic belt system (specify):
- (9) Unknown

# Automatic (Passive) Belt Failure Modes During Accident

- (0) Not equipped/not available/not in use
- (1) No automatic belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):
- (6) Broken retractor
- (7) Combination of above (specify):
- (8) Other automatic belt failure (specify):
- (9) Unknown

### FIRST SEAT FRONTAL AIR BAGS

NOTES: Encode the applicable data for the driver and first seat passenger in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

	Driver	Passenger
Type of air bag?		
Flaps open at tear points?		
Flaps damaged?		
Air bag damaged?		
Source of air bag damage		
Air bag tethered?		
Air bag have vent ports?		
Other occupant contact air bag?		
Occupant wearing eyewear?		

#### Type of Air Bag

- (0) Not equipped/not available
- (1) Original manufacturer installed system
- (2) Retrofitted air bag
- (3) Replacement air bag
- (8) Unknown type of air bag
- (9) Unknown

# Did Air Bag Module Cover Flap(s) Open At Designated Tear Points?

- (0) Not equipped/not available
- (1) No
- (2) Yes
- (3) Deployed, unknown if flap(s) opened at designated tear points
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

# Were Air Bag Module Cover Flap(s) Damaged?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if air bag module cover flap(s) damaged
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

#### Was There Damage To The Air Bag?

- (00) Not equipped/not available
- (01) Not damaged

#### Yes - Air Bag Damage

- (02) Ruptured
- (03) Cut
- (04) Torn
- (05) Holed
- (06) Burned
- (07) Abraded
- (88) Other damage (specify):
- (95) Damaged, details unknown
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

#### Source of Air Bag Damage

- (00) Not equipped/not available
- (01) Not damaged
- (02) Object worn by occupant, (specify):
- (03) Object carried by occupant, (specify):
- (04) Adaptive/assistive controls, (specify):
- (05) Fire in vehicle
- (06) Thermal burns
- (07) Rescue or emergency efforts
- (88) Other damage source (specify):
- (95) Damaged, unknown source
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

#### Was The Air Bag Tethered?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of tether straps):
- (3) Deployed, unknown if tethered
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

#### Did The Air Bag Have Vent Ports?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of vent ports):
- (3) Deployed, unknown if vent ports present
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

# Was the Air Bag in this Occupant's Position Contacted by Another Occupant?

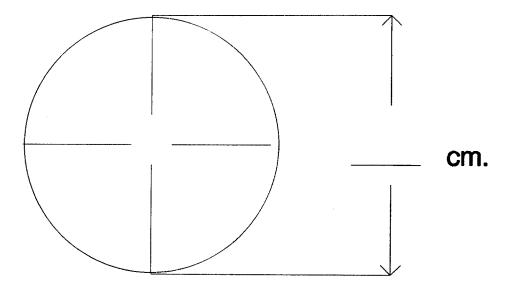
- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if other occupant contact to air bag
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

#### Was This Occupant Wearing Eye-wear?

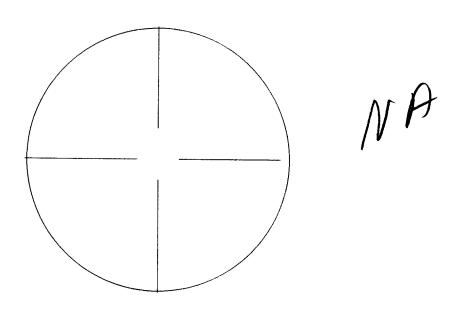
- (0) Not equipped/not available
- (1) No
- (2) Eyeglasses/sunglasses
- (3) Contact lenses
- (4) Deployed, unknown if eyewear worn
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

## DRIVER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Front)



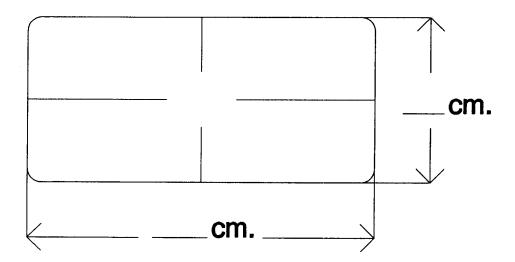
2. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Back)



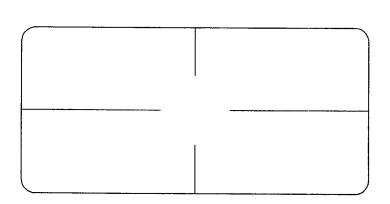
	•
DRIVER AIR BAG S	KETCHES (Cont'd)
3. DRIVER AIR BAG MODULE COVER FLAP SIZE (DOUBLE) a. Upper Flap b. Lower Flap width (W <sub>U</sub> ) width (W <sub>L</sub> )	
height (H <sub>U</sub> ) height (H <sub>L</sub> )	
W <sub>0</sub>	
4. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE	5. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS
6. SKETCH LOCATION OF CIRCULAR AIR BAG VENT PORTS  11 12 1 10 2 9 3 8 4 7 6 5	

# PASSENGER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Back)



NA

PASSENGER AIR BAC	S SKETCHES (Cont'd)
3. PASSENGER AIR BAG MODULE COVER FLAP SIZE (SINGLE) a. Flap width (W) height (H) W  5. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE	4. PASSENGER AIR BAG MODULE COVER FLAP SIZE (DOUBLE)  a. Upper Flap  width (W <sub>U</sub> )  height (H <sub>U</sub> )  Height (H <sub>U</sub> )  H,  H,  H,  HODE  WITH WITH WITH WITH WITH WITH WITH WITH
7. SKETCH LOCATION OF RECTANGULAR AIR BAG VENT PORTS  10 11 12 1 2 9 3 8 7 6 5 4	

"OTHER" AIR BAG DAMAGE AND CONTACT SKETCHES
1. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Front)
1. SKETOH DAWAGE AND CONTACT EVIDENCE ON CONTENT AND SAC ITSEN,
2. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Back)
. ^
NA
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<i>'</i>

	"OTUED" AID DA O OVETO	NUES (S. 11)	
	"OTHER" AIR BAG SKETC	HES (Cont'd)	
3. SKETCH AIR BAG MODULE FLAP	AND SIZE OR OPENING FOR	AIRBAG	
4. SKETCH AIR BAG VENT PORTS			

# **HEAD RESTRAINTS/SEAT EVALUATION**

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for these variables may be found at the bottom of the page. Head restraint type/damage and seat type/performance should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

		Left	Center	Right
	Head Restraint Type/Damage	3	0	3
F	Seat Type	01	00	01
- 1	Seat Performance		D	
R S	Seat Orientation	1	$\mathcal{O}$	1
Т	Seat Track Position	4	0	4
	Seat Back Incline Pre/Post Impact	14	0	14
	Head Restraint Type/Damage	3	<u> </u>	3
e	Seat Type	05	00	05
S E	Seat Performance	1	C	1
CO	Seat Orientation	/	<u> </u>	1
N D	Seat Track Position	/	<i>D</i>	/
	Seat Back Incline Pre/Post Impact	01	0	01
	Head Restraint Type/Damage			
Т	Seat Type			
H	Seat Performance			
Ř D	Seat Orientation			
U	Seat Track Position			
	Seat Back Incline Pre/Post Impact			<u> </u>
	Head Restraint Type/Damage			
ō	Seat Type			
T H	Seat Performance			
E R	Seat Orientation			
	Seat Track Position			
	Seat Back Incline Pre/Post Impact			

DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE (I.E., UNUSUAL OCCUPANT CONTACT PATTERN)

### **HEAD RESTRAINTS/SEAT EVALUATION**

#### Head Restraint Type/Damage by Occupant at This Occupant Position Position)

- (O) No head restraints
- (1) Integral no damage
   (2) Integral damaged during accident
- (3) Adjustable no damage
- (4) Adjustable damaged during accident
- (5) Add-on no damage(6) Add-on damaged during accident
- (8) Other Specify):
- (9) Unknown

### Seat Type (this Occupant Position)

- (00) Occupant not seated or no seat
- (01)**Bucket**
- (02)Bucket with folding back
- (03) Bench
- (04) Bench with separate back cushions
- Bench with folding back(s)
- (06) Split bench with separate back cushions
- (07) Split bench with folding back(s)
- (08) Pedestal (i.e., column supported)
- (09) Other seat type (specify):
- (10) Box mounted seat (i.e., van type)
- (99) Unknown

# Seat Performance (this Occupant

- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify):
- (4) Seat tracks/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion (specify):
- (7) Combination of above (specify):
- (8) Other (specify):
- (9) Unknown

#### Seat Orientation (this Occupant Position)

- (0) Occupant not seated or no seat
- (1) Forward facing seat
- (2) Rear facing seat
- (3)Side facing seat (inward)
- Side facing seat (outward) (4)
- (8) Other (specify):
- (9) Unknown

#### Seat Track Adjusted Position Prior To Impact

- (0) Occupant not seated or no seat
- (1) Non-adjustable seat track

#### Adjustable Seat Track

- (2) Seat at forward most track position
- (3) Seat between forward most and middle track positions
- Seat at middle track position
- (5) Seat between middle and rear most track positions
- Seat at rear most track position
- (9) Unknown

#### Seat Back Incline Prior and Post **Impact**

- (00) Occupant not seated or no seat
- (01) Not adjustable

#### Upright prior to impact

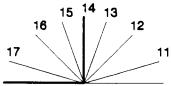
- (11) Moved to completely rearward position
- (12)Moved to rearward midrange position
- (13)Moved to slightly rearward position
- Retained pre-impact position
- (15)Moved to slightly forward position
- (16)Moved to forward midrange position
- Moved to completely forward (17)position

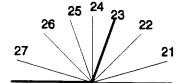
#### Slightly reclined prior to impact

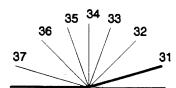
- Moved to completely rearward position
- (22)Moved to rearward midrange position
- (23)Retained pre-impact postion
- (24)Moved to upright position
- (25)Moved to slightly forward position
- (26)Moved to forward midrange position
- (27)Moved to completely forward position

#### Completely reclined prior to impact

- Retained pre-impact position (31)
- Moved to rearward midrange (32)position
- (33)Moved to slightly rearward position
- (34)Moved to upright position
- (35)Moved to slightly forward position
- Moved to forward midrange (36)position
- Moved to completely forward position
- (99) Unknown







Coding diagrams for Seat Back Incline Position Prior and Post Impact

	CH	ILD SAFETY	SEAT FIEL	D ASSE	SSMENT		
	nen a child safety seat is pre e occupant's number using						
Oc	cupant Number						
1.	Type of Child Safety Seat						
2.	Child Safety Seat Orientation						
3.	Child Safety Seat Harness Usage						
4.	Child Safety Seat Shield Usage						
5.	Child Safety Seat Tether Usage						
6.	Child Safety Seat Make/Model	11	Specify B	elow for E	ach Child Safe	ety Seat	
	Type of Child Safety Seat  (0) No child safety seat  (1) Infant seat  (2) Toddler seat  (3) Convertible seat  (4) Booster seat  (7) Other type child safety  (8) Unknown child safety  (9) Unknown if child safety  (9) Unknown if child safety  Child Safety Seat Orientat  (00) No child safety seat  Designed for Rear Facing This Age/Weight  (01) Rear facing  (02) Forward facing  (08) Other orientation (sp	seat type ty seat used ion for	5.	Child Sat Note: Op (00) No Not Desi (01) Aft add (02) Aft (03) Chi har (09) Unl add Designed (11) Har (12) Har	ety Seat Shie ety Seat Teth stions Below A child safety seat market harried, not used er market harried safety seat ness/shield/temess/shield/	er Usage Are Used for V eat rness/Shield/Tet ness/shield/tet used, but no ther added ess/shield/teth s/Shield/Tethe ther not used ther used	ether ther ther used after market ner
	(09) Unknown orientation (sp. 109) Unknown orientation (sp. 119) Rear facing (12) Forward facing (18) Other orientation (sp. 119) Unknown orientation Unknown Design or Orien Age/Weight, or Unknown (21) Rear facing (22) Forward facing (28) Other orientation (sp. 129) Unknown orientation (sp. 129) Unknown orientation (sp. 129) Unknown orientation	ecify): tation For This Age/Weight	6.	Unknowr (21) Har (22) Har (29) Unl (99) Unl	If Designed the control of the contr	With Harness/ ther not used ther used ess/shield/teth safety seat u	/Shield/Tether ner used
3.	(99) Unknown if child sat Child Safety Seat Harness						

in t	mplete the following if the resear the vehicle. Code the appropriat ECTION No [ ] Yes [ scribe indications of ejection and	te data on the	indication the Occupant A	hat an occupa Assessment F	eant was eit Form.	ther ejected	d from or enti	appe
	Occupant Number	01						
	Ejection	1/						
	(Note on Vehicle Interior Sketch) Ejection Area	2						
	Ejection Medium	4						
	Medium Status	2						
(1) Complete ejection (2) Partial ejection (3) Ejection, Unknown degree (9) Unknown (9)  Ejection Area (1) Windshield (2) Left front (3) Right front (1) (2) (3)		(9) Unknote (1) Door/I (2) Nonfix (3) Fixed (4) Nonfix	(7) Roof (8) Other area (e.g., back of pickup, etc.) (specify):  (9) Unknown  ijection Medium (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify):			Jnknown	um (specify):	rior
ENT	<del>\</del>	s [ ]						
Com	ponent(s):							
/h1 - 4	e in vehicle interior diagram)						<del></del>	_



U.S. Department of Transportation

# OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM National Highway Traffic Safety

Administration	OCCUPANT'S SEATING
1. Primary Sampling Unit Number	
2. Case Number - Stratum 198B	10. Occupant's Seat Position
3. Vehicle Number	(11) Left side (12) Middle
4. Occupant Number	(13) Right side (14) Other (specify):
OCCUPANT'S CHARACTERISTICS	(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month):  (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant  Third Seat
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	(31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant  Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify): (45) On or in the lap of another occupant
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknown  6 1 inches x 2.54 = 154 centimeters  Por Company 4 5	(45) On or in the lap of another occupant  (97) In or on unenclosed area (98) Other seat (specify): (99) Unknown
8. Occupant's Weight Code actual weight to the nearest kilogram. (999)Unknown  //////////////////////////////////	11. Occupant's Posture (0) Normal posture  Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown
	•

EJE	CTION/E	NTRAPMENT	
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	1	15. Medium Status (Immediately Prior To Impact (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown	2
13. Ejection Area  (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown	2	16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restraine (2) Could not exit vehicle due to jammed doc fire, etc. (specify):	
14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify):  Side Window  (5) Integral structure (8) Other medium (specify):  (9) Unknown	4	<ul> <li>(2) Removed from vehicle due to injuries</li> <li>(3) Exited vehicle with some assistance</li> <li>(4) Exited vehicle under own power</li> <li>(5) Occupant fully ejected</li> <li>(9) Unknown</li> </ul>	

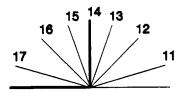
	BELT SYSTEM	VI FUNCTION
18.	Manual (Active) Belt System Availability (0) None available (1) Belt removed/destroyed (2) Shoulder belt (3) Lap belt	22. Shoulder Belt Upper Anchorage Adjustment (0) No shoulder belt (1) No upper anchorage adjustment for shoulder belt  Adjustable shoulder Belt Upper Anchorage
	(4) Lap and shoulder belt (5) Belt available—type unknown  Integral Belt Partially Destroyed (6) Shoulder belt (lap belt destroyed/removed) (7) Lap belt (shoulder belt destroyed/removed)	<ul> <li>(2) In full up position</li> <li>(3) In mid position</li> <li>(4) In full down position</li> <li>(5) Position unknown</li> <li>(9) Unknown if position has adjustable upper anchorage adjustment</li> </ul>
19.	(8) Other belt (specify):  (9) Unknown  Manual (Active) Belt System Use (00) None used, not available, or belt	23. Automatic (Passive) Belt System Availability/ Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts
	removed/destroyed (01) Inoperative (specify): (02) Shoulder belt (03) Lap belt	(3) Automatic belts - type unknown  Non-functional (4) Automatic belts destroyed or rendered inoperative (9) Unknown
	<ul> <li>(04) Lap and shoulder belt</li> <li>(05) Belt used—type unknown</li> <li>(08) Other belt used (specify):</li> <li>(12) Shoulder belt used with child safety seat</li> <li>(13) Lap belt used with child safety seat</li> </ul>	24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative (1) Automatic belt in use (2) Automatic belt not in use (manually disconnected, motorized track inoperative)
	<ul> <li>(14) Lap and shoulder belt used with child safety seat</li> <li>(15) Belt used with child safety seat—type unknown</li> <li>(18) Other belt used with child safety seat (specify):</li> <li>(99) Unknown if belt used</li> </ul>	(specify): (3) Automatic belt use unknown (9) Unknown  25. Automatic (Passive) Belt System Type (0) Not equipped/not available
20.	Proper Use of Manual (Active) Belts  (0) None used or not available  (1) Belt used properly  (2) Belt used properly with child safety seat	(1) Non-motorized system (2) Motorized system (9) Unknown  26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used
	<ul> <li>Belt Used Improperly</li> <li>(3) Shoulder belt worn under arm</li> <li>(4) Shoulder belt worn behind back or seat</li> <li>(5) Belt worn around more than one person</li> <li>(6) Lap belt worn on abdomen</li> <li>(7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify):</li> <li>(8) Other improper use of manual belt system (specify):</li> </ul>	(1) Automatic belt used properly (2) Automatic belt used properly with child safety seat  Automatic Belt Used Improperly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or
	(9) Unknown  Manual (Active) Belt Failure Modes  During Accident (0) No manual belt used or not available (1) No manual belt failure(s)	automatic shoulder belt used improperly with child safety seat (specify):  (8) Other improper use of automatic belt system (specify):  (9) Unknown
	<ul> <li>(2) Torn webbing (stretched webbing not included)</li> <li>(3) Broken buckle or latchplate</li> <li>(4) Upper anchorage separated</li> <li>(5) Other anchorage separated (specify):</li> <li>(6) Broken retractor</li> <li>(7) Combination of above (specify):</li> </ul>	27. Automatic (Passive) Belt Failure Modes During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated
	(7) Combination of above (specify):  (8) Other manual belt failure (specify):  (9) Unknown	(5) Other anchorage separated (specify):  (6) Broken retractor (7) Combination of above (specify): (8) Other automatic belt failure (specify):  (9) Unknown

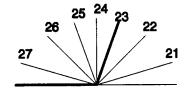
PC	LICE REPORTED RESTRAINT USE		AIR BAG SYSTEM FUNCTION
(O) (1) (2) (3) (4) (5) (6) (7) (8) (9)			Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag  Non-functional (2) Air bag disconnected (specify):  (3) Air bag not reinstalled (9) Unknown  Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to
(2) (3) (4) (9)	Police did not indicate air bag availability/function Deployed Not deployed Unknown if deployed Police indicated "unknown"		accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Belt [ ]	ck the Primary Source Used In Determining Use.  Not equipped/not available/destroyed or rendered inoperative Vehicle inspection Official injury data Driver/occupant interview Other (specify):  Unknown if belt used	32.	Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag  Non-functional (2) Air bag disconnected (specify):  (3) Air bag not reinstalled (9) Unknown  Specify type of "other" air bag present:
·		33.	Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
		34.	Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify):

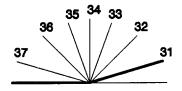
FIRST SEAT FRONTAL AIR I	BAG SYSTEM EVALUATION
35. Had Vehicle Been in Previous Accident(s)?  (0) Not equipped/not available (1) No previous accidents  Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of + Delta V For Air Bag
36. Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed
37. Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify):  (9) Unknown	(9) Unknown  42. Were Air Bag Module Cover Flap(s) Damaged?  (0) Not equipped/not available  (1) No  (2) Yes (specify):  (3) Deployed, unknown if air bag module cover flap(s) damaged
38. Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	(7) Not deployed (8) Unknown if deployed (9) Unknown  43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged  Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn
39. CDC For Air Bag Deployment Impact  (0) Not equipped/not available  (1) Highest delta V  (2) Second highest delta V  (3) Other non-coded delta V (specify):  (6) Deployed, unknown event  (7) Not deployed  (8) Unknown if deployed  (9) Unknown	(05) Holed (06) Burned (07) Abraded (88) Other damage (specify):  (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

	FIRST SEAT FRONTAL AIR BAG SYSTEM		HEA	AD RESTRAINT AND SEAT EVALUATION
A A	EVALUATION continued	,	49. ŀ	Head Restraint Type/Damage by Occupant
44.	Source of Air Bag Damage	-		at This Occupant Position (0) No head restraints
	(01) Not damaged			•
	(02) Object worn by occupant, (specify):			(1) Integral—no damage (2) Integral—damaged during accident
				(3) Adjustable—no damage
	(03) Object carried by occupant, (specify):		(	(4) Adjustable—damaged during accident
	(04) Adaptive/assistive controls, (specify):	·	(	<ul><li>(5) Add-on—no damage</li><li>(6) Add-on—damaged during accident</li><li>(8) Other (specify):</li></ul>
	(05) Fire in vehicle			· · · · · · · · · · · · · · · · · · ·
	(06) Thermal burns		١ (	(9) Unknown
	(07) Rescue or emergency efforts	1		A1
ĺ	(88) Other damage source (specify):		150.	Seat Type (this Occupant Position)
	IOE) Democrat inchange course	-		(00) Occupant not seated or no seat
	(95) Damaged, unknown source	j		(01) Bucket
1	(96) Deployed, unknown if damaged (97) Not deployed	1		(02) Bucket with folding back
1	(97) Not deployed (98) Unknown if deployed			(03) Bench
	(98) Unknown it deployed	1		(O4) Bench with separate back cushions (O5) Bench with folding back(s)
	(OO) OHRHOWH		<b>!</b> .	(06) Split bench with separate back cushions
1	· · · · · · · · · · · · · · · · · · ·	)	<b>!</b> .	(05) Split bench with separate back cushions (07) Split bench with folding back(s)
45.	Was The Air Bag Tethered?	_ 1		(08) Pedestal (i.e., column supported)
	(0) Not equipped/not available		<b>!</b> .	(09) Box mounted seat (i.e., van type)
1	(1) No	1		(10) Other seat type (specify):
1	(2) Yes (specify number of tether straps):		ļ	
	(3) Deployed, unknown if tethered		1	(99) Unknown
1	(7) Not deployed	1		Ones Outside the Mile Ones of the Distant
1	(8) Unknown if deployed	I	51.	Seat Orientation (this Occupant Position)
	(9) Unknown	, 1		(0) Occupant not seated or no seat
1	· ·	)		(1) Forward facing seat
46.	Did The Air Bag Have Vent Ports?	<u> </u>		(2) Rear facing seat (inward)
1	(0) Not equipped/not available (1) No	l l		(3) Side facing seat (inward) (4) Side facing seat (outward)
[	(1) No (2) Yes (specify number of vent ports):	ì		(4) Side facing seat (outward) (8) Other (specify):
	·			
	(3) Deployed, unknown if vent ports present (7) Not deployed	Ì		(9) Unknown
	(7) Not deployed (8) Unknown if deployed	ì	52	Seat Track Adjusted Position Prior To Impact
1	(9) Unknown	ì		(0) Occupant not seated or no seat
	,_, _,	^		(1) Non-adjustable seat track
47.	Was the Air Bag in this Occupant's Position	$\mathcal{Q}$		
	Contacted by Another Occupant?	ì		Adjustable Seat Track
	(O) Not equipped/not available	1	İ	(2) Seat at forward most track position
	(1) No	1		(3) Seat between forward most and middle track
	(2) Yes (specify):		1	positions
	(2) Deployed unknown if other convert control	+		(4) Seat at middle track position (5) Seat between middle and rear most track
1	(3) Deployed, unknown if other occupant contact			(5) Seat between middle and rear most track
	to air bag (7) Not deployed			positions (6) Seat at rear most track position
	(8) Unknown if deployed			(9) Unknown
1	(9) Unknown			te, emmerri
	(5, 5	)		
48	Was This Occupant Wearing Eye-wear?	_		
1	(0) Not equipped/not available	_		
1	(1) No			
	(2) Eyeglasses/sunglasses			
1	(3) Contact lenses			
1	(4) Deployed, unknown if eyewear worn			
1	(7) Not deployed			
1	(8) Unknown if deployed			
1	(9) Unknown		1	

	HEAD RESTRAINT AND SEA	AT EVALUATION continued
53.	Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 24 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 34 36 37
	(99) Unknown	
54.	Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed (5) Deformed by impact of occupant	
	<ul><li>(5) Deformed by impact of occupant</li><li>(6) Deformed by passenger compartment intrusion, (specify):</li></ul>	
	(7) Combination of above (specify):	
	(8) Other (specify):(9) Unknown	







	CHIL	D SAFE	TY SEA	\T	
55.	Child Safety Seat Make/Model OOO) No child safety seat		58. Child	Safety Seat Harness Usage	<u>00</u>
	Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Built-in child safety seat	5	59. Child	Safety Seat Shield Usage	00
	(997) Other make/model (specify):	6	60. Child	Safety Seat Tether Usage	<u> </u>
	(998) Unknown make/model (999) Unknown if child safety seat used		Varia	Options below applicable to bles OA58-OA60. No child safety seat	
56.	Type of Child Safety Seat	0		·	_
	(0) No child safety seat (1) Infant seat		<i>Not E</i> (01)	<i>Designed With Harness/Shield/Tetl</i> After market harness/shield/tethe	<i>her</i> :r
	(2) Toddler seat		(00)	added, not used	er upod
	(3) Convertible seat (4) Booster seat - with shield			After market harness/shield/tethe Child safety seat used, but no af	
	(5) Booster seat - without shield			harness/shield/tether added	
	(7) Other type child safety seat (specify):		(09)	Unknown if harness/shield/tether added or used	
	(8) Unknown child safety seat type				
	(9) Unknown if child safety seat used	1		ned With Harness/Shield/Tether Harness/shield/tether not used	
	r ·		, , , ,	Harness/shield/tether used	
57.	Child Safety Seat Orientation	20		Unknown if harness/shield/tether	used
	(00) No child safety seat			15.0	:-!://T-4b
	Desired for Boss Foring for This Ago/Maigh			own If Designed With Harness/Sh Harness/shield/tether not used	neia/ i etner
	Designed for Rear Facing for This Age/Weight (01) Rear facing	'		Harness/shield/tether used	
	(02) Forward facing			Unknown if harness/shield/tether	used
	(08) Other orientation (specify):	İ			
	(09) Unknown orientation	i	(99)	Unknown if child safety seat use	đ
	Designed For Forward Facing for This Age/W	eiaht			
	(11) Rear facing	J. J. J.			
	(12) Forward facing	İ			
	(18) Other orientation (specify):				
	(19) Unknown orientation				
	Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight				
	(21) Rear facing				
	(22) Forward facing				
	(28) Other orientation (specify):				
	(29) Unknown orientation				
	(99) Unknown if child safety seat used				
		1			

INJURY CONSEQUENCES		
Injury Severity (Police Rating)  (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown  Treatment - Mortality		Type Of Medical Facility (for Initial Treatment)  (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify):
(0) No treatment (1) Fatal (2) Fatal - ruled disease (specify):  Nonfatal (3) Hospitalization (4) Transported and released (5) Treatment at scene - nontransported		Hospital Stay (00) Not Hospitalized Code the number of days (up through 60) that the occupant stayed in hospital. (61) 61 days or more (99) Unknown  Working Days Lost Code the number of days
<ul> <li>(6) Treatment later</li> <li>(7) Treatment - other (specify):</li> <li>(8) Transported to a medical facility-unknown if treated</li> <li>(9) Unknown</li> </ul>		(up through 60) that the occupant lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown
STOP WO	)RK	HERE

**VARIABLES 66-74** 

TDALINA DATA
TRAUMA DATA
71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given
73. Arterial Blood Gases (ABG) – HCO <sub>3</sub> (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO <sub>3</sub> (96) ABGs reported, HCO <sub>3</sub> unknown (97) Injured, details unknown (99) Unknown if injured
BELT USE DETERMINATION
74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used



Administration

U.S. Department of Transportation **National Highway Traffic Safety** 

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

- 1. Primary Sampling Unit Number
- 3. Vehicle Number

2. Case Number - Stratum

4. Occupant Number

### **INJURY DATA**

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

	Source of Injury Data	Body Region	Type o Anatom Structu	ic Anatomic	Level of	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
1st	5.5	6	7.6	s. <u>0</u> 8	9. <u>24</u>	105	11	453	13.3	4	15. <u>00</u>
2nd	16.5	17. 8	18:5	19. 🗸 🔏	20.00	21.3	22. 2231	55 1	24. 3	25	26 00
3rd	27.5	28	29. <u>5</u>	30. <u>04</u>	31. <u>DH</u>	32. 3	33.5 34.	453	35. <u>3</u> 3	36. <u> </u>	37. <u>Q</u> Q
4th	38. 5	39	40. <u>G</u>	41.02	42. DJ	<del>-4</del> 3/	44. 245.	<i>551</i>	46. 3	17. <u>/</u>	48. <u>O</u> O
5th	495	50. 8	51.9	52. <i>OJ</i>	-63. D2	- 54	55.2 56.	551	57. <u>Z</u> 5	58	59. <u>O</u> O
6th	60.5	61. <u>\$</u>	62.9	63. <i>OJ</i>	-64. <u>D</u> J	65	66 67.	151	68. <u>3</u> 6	69. <u> </u>	70. <u>À</u>
7th	71	72	73	74	75	76	77 78.		79 8	30 I	81
8th	82	83	84	85	86	87	88 89.		90 9	91	92
9th	93	94	95	96	97	98	99 100.		101 10	)2 10	оз
10th	104 1	105 1	06	107	108	109	110 111.	<del></del>	112 11	13 1	14

			***************************************	OCC	JPANT (	NJURY	DATA				
	Source of Injury	Body	Type of Anatomic	A.I.S 90 Specific Anatomic		A.I.S.		Injury	Injury Source Confidence	Direct/	Occupant Area Intrusion
	Data	Region	Structure	Structure	Injury	Severity	Aspect	Source	Level	Injury	Number
11th											
12th					******	_	******	<u></u>		*********	
13th		<del></del>		*******							
14th			******	***************************************							
15th						_	<b></b>			******	
16th				<del></del>							******
17th			_				-		_		
18th						_			_	*******	
19th											<del></del>
20th		<del></del>	***********			_	_				
21st				<del></del>			<del></del>		_		
22nd						_	<del></del> -	<u></u>			
23rd		_									
24th		<del></del>	_		<del></del>	•			_		
25th			And a second second								

### OCCUPANT INJURY CLASSIFICATION

#### **Body Region**

- (1) Head
- (2) Face
- (3) Neck
- (4) Thorax
- (5) Abdomen
- (6) Spine
- (7) Upper Extremity
- (8) Lower Extremity
- (9) Unspecified

# Type of Anatomic Structure

- (1) Whole Area
- (2) Vessels
- (3) Nerves
- (4) Organs (includes Muscles/ligaments)
- (5) Skeletal (includes joints)

**SOURCE OF INJURY DATA** 

- (6) Head LOC
- (9) Skin

# Specific Anatomic Structure

Vessels, Nerves, Organs.
Bones, Joints are assigned consecutive two digit numbers beginning with 02.

The exceptions to this rule apply to:

#### Whole Area

- (02) Skin Abrasion
- (04) Skin Contusion
- (06) Skin Laceration
- (08) Skin Avulsion
- (10) Amputation
- (20) Burn
- (30) Crush
- (40) Degloving
- (50) Injury NFS
- (90) Trauma, other than mechanical

#### Head - LOC

(02) Length of LOC

- (04) Level
- (06) of
- (08) Consciousness
- (10) Concussion

#### <u>Spine</u>

- (02) Cervical
- (04) Thoracic
- (06) Lumbar

#### Level of Injury

Specific injuries are assigned consecutive two-digit numbers beginning with 02.

To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity.

#### Abbreviated Injury Scale

- (1) Minor Injury
- (2) Moderate Injury
- (3) Serious Injury
- (4) Severe Injury
- (5) Critical Injury
- (6) Maximum (untreatable)
- (7) Injured, unknown severity

#### **Aspect**

- (1) Right
- (2) Left
- (3) Bilateral
- (4) Central
- (5) Anterior
- (6) Posterior
- (7) Superior
- (8) Inferior
- (9) Unknown

**DIRECT/INDIRECT INJURY** 

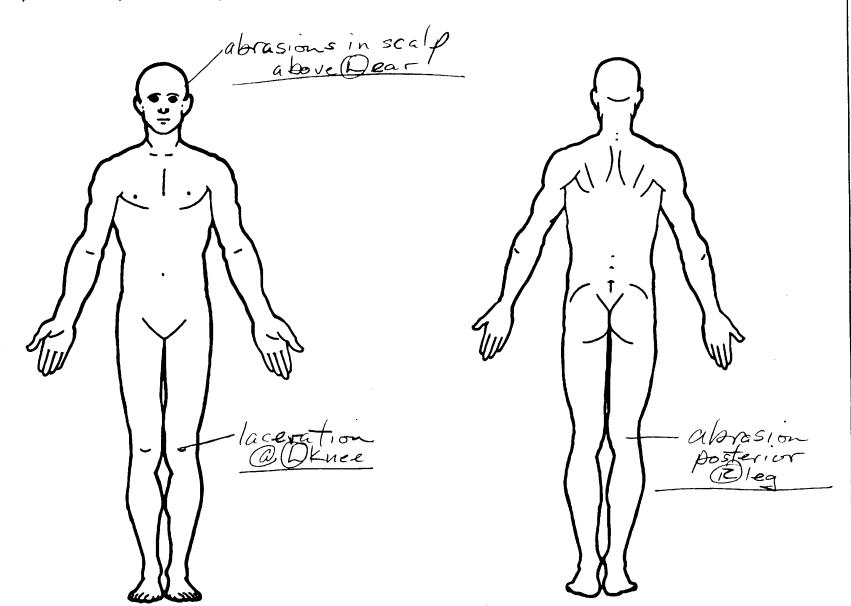
(0) Whole region

#### **CONFIDENCE LEVEL** OFFICIAL RECORDS (1) Certain (1) Autopsy records with or Direct contact injury without hospital/medical (2) Probable (2) Indirect contact injury records (3) Possible Noncontact injury (3) (2) Hospital/medical records other (9) Unknown Injured, unknown source than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic **UNOFFICIAL RECORDS** (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): (9) Police

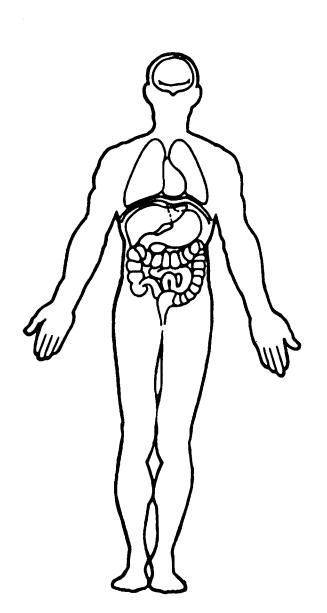
**INJURY SOURCE** 

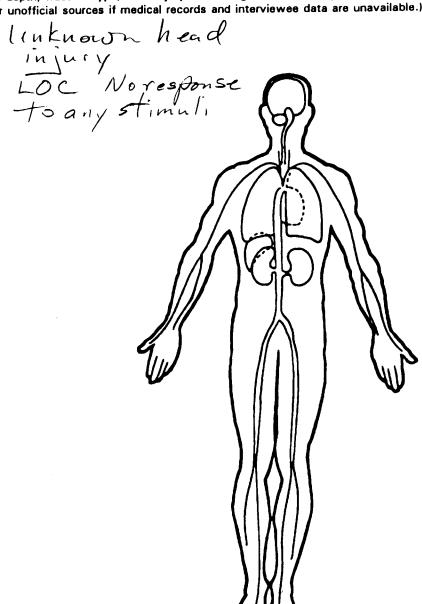
FRONT	,	(102)	Right side hardware or	(403)	Air had nacconcer side and	14441	Mall managed band and
	Windshield	(102)	armrest	(163)	Air bag-passenger side and object held	(411)	Wall mounted head rest (used behind wheel chair)
	Mirror	(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(A12)	Other adaptive device
	Sunvisor		Right 8-piller	, , <del>, , ,</del>	object in mouth	17121	•
	Steering wheel rim		Other right pillar (specify):	(185)	Air bag compartment		(specify):
	Steering wheel hub/spoke	,	iigiit piiidi (apooliy).	, ,	cover-passenger side		
	Steering wheel (combination	(106)	Right side window glass	(186)	Air bag compartment	EXTE	RIOR of OCCUPANT'S
	of codes 004 and 005)		Right side window frame	,	cover-passenger side and	VEHIC	
(007)	Steering column,		Right side window sill		eyewest		Hood
,	transmission selector lever.		Right side window glass	(187)	Air bag compartment		Outside hardware (e.g.,
	other attachment	, . 501	including one or more of the		cover-passenger side and	,-52/	outside mirror, antenna)
(800	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment		tires (specify):
(009)	Add on equipment (e.g.,		or roof side rail.	501	cover-passenger side and		
	tape deck, air conditioner)	(110)	Other right side object		object held		
010	Left instrument panel and	, • /	(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
,	below			, . 507	cover-passenger side and	, +5+/	Oxtonor objects
0113	Center instrument panel and				object in mouth	EXTER	RIOR OF OTHER MOTOR
	below	INTER	IOR	(190)	Other air bag (specify)	VEHIC	
012)	Right instrument panel and		Seat, back support	, , 50/	all takaonili		Front bumper
	below		Belt restraint	(195)	Other air bag compartment		Hood edge
013)	Glove compartment door	, ,	webbing/buckle		cover (specify)		Other front of vehicle
	Knee bolster	(153)	Belt restraint B-pillar or door			,,	(specify):
	Windshield including one or		frame attachment point		<del></del>		
	more of the following: front	(154)	Other restraint system	ROOF		(504)	Hood
	header, A (A1/A2)-pillar,		component (specify):		Front header		Hood ornament
	instrument panel, mirror, or				Rear header		Windshield, roof rail, A-pilla
	steering assembly (driver	(155)	Head restraint system		Roof left side rail		Side surface
	side only)		Other occupants (specify):		Roof right side rail		Side mirrors
016)	Windshield including one or				Roof or convertible top		Other side protrusions
	more of the following: front	(161)	Interior loose objects		·		(specify):
	header, A (A1/A2)-pillar,		Child safety seat (specify):	FLOOF	1		
	instrument panel, or mirror				Floor (including toe pan)	(510)	Rear surface
	(passenger side only)	(163)	Other interior object		Floor or console mounted		Undercarriage
(017)	Windshield reinforced by		(specify):	•	transmission lever, including		Tires and wheels
	exterior object (specify)		·		console		Other exterior of other
				(253)	Parking brake handle		motor vehicle (specify):
(019)	Other front object (specify):	AIR B	AG	(254)	Foot controls including		
		(170)	Air bag-driver side		parking brake		
		(171)	Air bag-driver side and			(514)	Unknown exterior of other
	RIDE		eyewear	REAR			
LEFT S	JIDE			NEAR			motor vehicle
	Left side interior surface,	(172)	Air bag-driver side and		Backlight (rear window)		motor vehicle
		(172)	·	(301)	Backlight (rear window) Backlight storage rack,	OTHE	motor vehicle  R VEHICLE OR OBJECT IN
	Left side interior surface,		Air bag-driver side and	(301)	<u>-</u>		
(051)	Left side interior surface, excluding hardware or		Air bag-driver side and jewelry	(301) (302)	Backlight storage rack,	THE E	R VEHICLE OR OBJECT IN
(051)	Left side interior surface, excluding hardware or armrests	(173)	Air bag-driver side and jewelry Air bag-driver side and	(301) (302)	Backlight storage rack, door, etc.	THE E (551)	R VEHICLE OR OBJECT IN NVIRONMENT
(051) (052)	Left side interior surface, excluding hardware or armrests Left side hardware or	(173)	Air bag-driver side and jewelry Air bag-driver side and object held	(301) (302)	Backlight storage rack, door, etc.	THE E (551)	R VEHICLE OR OBJECT IN NVIRONMENT Ground
(051) (052) (053)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest	(173) (174)	Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and	(301) (302) (303)	Backlight storage rack, door, etc.	THE E (551)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object
(051) (052) (053) (054)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar	(173) (174)	Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth	(301) (302) (303)	Backlight storage rack, door, etc. Other rear object (specify):	THE E (551) (598)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object
(051) (052) (053) (054)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar	(173) (174) (175)	Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment	(301) (302) (303) ADAP EQUIF	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING	THE E (551) (598)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):
(051) (052) (053) (054) (055)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar	(173) (174) (175)	Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side	(301) (302) (303) ADAP EQUIF	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING	THE E (551) (598) (599)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):
(051) (052) (053) (054) (055) (056)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):	(173) (174) (175)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment	(301) (302) (303) ADAP EQUIP (401)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hend controls for braking/acceleration	THE E (551) (598) (599) NONC	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object
(051) (052) (053) (054) (055) (056) (057)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):	(173) (174) (175) (176)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear	(301) (302) (303) ADAP EQUIP (401)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for	THE E (551) (598) (599) NONC (601)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle
(051) (052) (053) (054) (055) (056) (057) (058)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame	(173) (174) (175) (176)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and	(301) (302) (303) ADAP EQUIP (401)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering	THE E (551) (598) (599) NONC (601) (602)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass
(052) (053) (054) (055) (056) (057) (058)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill	(173) (174) (175) (176)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry	(301) (302) (303) ADAP EQUIF (401)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel)	THE E (551) (598) (599) NONC (601) (602)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury
(052) (053) (054) (055) (056) (057) (058)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill Left side window glass including one or more of the	(173) (174) (175) (176)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jeweiry Air bag compartment	(301) (302) (303) ADAP EQUIF (401)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to	THE E (551) (598) (599) NONC (601) (602)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source
051) 052) 053) 054) 055) (056) (057)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill Left side window glass including one or more of the following: frame, window	(173) (174) (175) (176)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and object	(301) (302) (303) ADAP EQUIF (401) (402)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel	THE E (551) (598) (599) NONC (601) (602) (603)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify):
(052) (053) (054) (055) (056) (057) (058)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):  Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar,	(173) (174) (175) (176) (177) (178)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and object held	(301) (302) (303) ADAP EQUIF (401) (402)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel	THE E (551) (598) (599) NONC (601) (602) (603)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
051) 052) 053) 054) 0055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.	(173) (174) (175) (176) (177) (178)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and object held Air bag compartment	(301) (302) (303) ADAP EQUIF (401) (402) (403)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter)	THE E (551) (598) (599) NONC (601) (602) (603)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify):
051) 052) 053) 054) 0055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):  Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object	(173) (174) (175) (176) (177) (178)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object cover-driver side and object	(301) (302) (303) ADAP EQUIF (401) (402) (403) (405)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls	THE E (551) (598) (599) NONC (601) (602) (603)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(052) (053) (054) (055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.	(173) (174) (175) (176) (177) (178) (179)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth	(301) (302) (303) ADAP EQUIF (401) (402) (403) (406) (406) (407)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs	THE E (551) (598) (599) NONC (601) (602) (603)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(052) (053) (054) (055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):  Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object	(173) (174) (175) (176) (177) (178) (179)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eye wear Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side	(301) (302) (303) ADAP EQUIF (401) (402) (403) (406) (406) (407)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelchair tie-downs Modification to seat belts,	THE E (551) (598) (599) NONC (601) (602) (603)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(052) (052) (053) (054) (055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):  Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(173) (174) (175) (176) (177) (178) (179)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eye wear Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side and	(301) (302) (303) ADAP EQUIF (401) (402) (403) (406) (406) (407) (408)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelcheir tie-downs Modification to seat belts, (specify):	THE E (551) (598) (599) NONC (601) (602) (603)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(051) (052) (053) (054) (055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):  Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(173) (174) (175) (176) (177) (178) (179) (180) (181)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eye wear Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side and eyewear	(301) (302) (303) ADAP EQUIF (401) (402) (403) (406) (406) (407) (408)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelcheir tie-downs Modification to seat belts, (specify): Additional or relocated	THE E (551) (598) (599) NONC (601) (602) (603)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
(052) (053) (054) (055) (056) (057) (058) (059)	Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):  Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object (specify):	(173) (174) (175) (176) (177) (178) (179) (180) (181)	Air bag-driver side and jeweiry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eye wear Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and jeweiry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object in mouth Air bag-passenger side Air bag-passenger side and	(301) (302) (303) ADAP EQUIF (401) (402) (403) (406) (406) (407) (408)	Backlight storage rack, door, etc. Other rear object (specify):  TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls Wheelcheir tie-downs Modification to seat belts, (specify):	THE E (551) (598) (599) NONC (601) (602) (603)	R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):  Unknown vehicle or object ONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



	OFFICIAL INJURY DATA — SKELETAL INJURIES
Restrained? No Yes	Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)
Blood Alcohol Level (mg/dl) BAL =	1xDskullSrowta
Glasgow Coma Scale Score GCSS =	
Units of Blood Given Units =	
Arterial Blood Gases  pH =  PO <sub>2</sub> =  PCO <sub>2</sub>	Ga Seman
HCO3/	







### OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

U.S. Department of Transportation National Highway Traffic Safety

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM Administration OCCUPANT'S SEATING 1. Primary Sampling Unit Number 10. Occupant's Seat Position 2. Case Number - Stratum Front Seat (11) Left side 3. Vehicle Number (12) Middle (13) Right side 4. Occupant Number (14) Other (specify): OCCUPANT'S CHARACTERISTICS (15) On or in the lap of another occupant Second Seat 5. Occupant's Age (21) Left side Code actual age at time of accident. (00) Less than one year old (specify by month): (22) Middle (23) Right side (24) Other (specify): (97) 97 years and older (25) On or in the lap of another occupant (99) Unknown Third Seat (31) Left side (32) Middle 6. Occupant's Sex (33) Right side (1) Male (34) Other (specify): (2) Female-not reported pregnant (35) On or in the lap of another occupant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) Fourth Seat (41) Left side (6) Female-pregnant-term unknown (9) Unknown (42) Middle (43) Right side (44) Other (specify): (45) On or in the lap of another occupant 7. Occupant's Height Code actual height to the nearest (97) In or on unenclosed area (98) Other seat (specify): centimeter. (999) Unknown (99) Unknown 65 inches X 2.54 = 165 centimeters 11. Occupant's Posture 8. Occupant's Weight (0) Normal posture Code actual weight to the nearest kilogram. Abnormal posture (999)Unknown (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window 9. Occupant's Role (1) Driver (5) Sitting on a console (6) Lying back in a reclined seat position (2) Passenger (7) Bracing with feet or hands on a surface in front (9) Unknown of seat (8) Other abnormal posture (specify): (9) Unknown helping invier

National Accident Sampling System-Crashworthiness D		age 2
EJECTION	ENTRAPMENT	
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	(0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown	<u>C</u>
13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown	16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrained (2) Could not exit vehicle due to jammed doors fire, etc. (specify): (9) Unknown  17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconscious or disoriented	4
14. Ejection Medium  (0) No ejection  (1) Door/hatch/tailgate  (2) Nonfixed roof structure  (3) Fixed glazing  (4) Nonfixed glazing (specify):  (5) Integral structure  (8) Other medium (specify):  (9) Unknown	(2) Removed from vehicle due to injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown	

BELT SYSTE	M FUNCTION
18. Manual (Active) Belt System Availability (0) None available (1) Belt removed/destroyed (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt available—type unknown	22. Shoulder Belt Upper Anchorage Adjustment (0) No shoulder belt (1) No upper anchorage adjustment for shoulder belt  Adjustable shoulder Belt Upper Anchorage (2) In full up position (3) In mid position (4) In full down position
Integral Belt Partially Destroyed  (6) Shoulder belt (lap belt destroyed/removed)  (7) Lap belt (shoulder belt destroyed/removed)  (8) Other belt (specify):  (9) Unknown  19. Manual (Active) Belt System Use  (00) None used, not available, or belt removed/destroyed  (01) Inoperative (specify):	(5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment  23. Automatic (Passive) Belt System Availability/ Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts - type unknown  Non-functional
(02) Shoulder belt (03) Lap belt (04) Lap and shoulder belt (05) Belt used—type unknown (08) Other belt used (specify): (12) Shoulder belt used with child safety seat (13) Lap belt used with child safety seat	(4) Automatic belts destroyed or rendered inoperative (9) Unknown  24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative (1) Automatic belt in use (2) Automatic belt not in use (manually disconnected, motorized track inoperative)
(14) Lap and shoulder belt used with child safety seat (15) Belt used with child safety seat—type unknown (18) Other belt used with child safety seat (specify): (99) Unknown if belt used  20. Proper Use of Manual (Active) Belts	(specify): (3) Automatic belt use unknown (9) Unknown  25. Automatic (Passive) Belt System Type (0) Not equipped/not available (1) Non-motorized system (2) Motorized system
(0) None used or not available (1) Belt used properly (2) Belt used properly with child safety seat  **Belt Used Improperly (3) Shoulder belt worn under arm (4) Shoulder belt worn behind back or seat (5) Belt worn around more than one person (6) Lap belt worn on abdomen (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify):  (8) Other improper use of manual belt system (specify):	(9) Unknown  26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly with child safety seat  Automatic Belt Used Improperly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify):
21. Manual (Active) Belt Failure Modes During Accident (0) No manual belt used or not available (1) No manual belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify): (6) Broken retractor (7) Combination of above (specify): (8) Other manual belt failure (specify): (9) Unknown	(8) Other improper use of automatic belt system (specify): (9) Unknown  27. Automatic (Passive) Belt Failure Modes During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify): (6) Broken retractor (7) Combination of above (specify): (8) Other automatic belt failure (specify):

POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use  (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag  Non-functional (2) Air bag disconnected (specify):  (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown"  29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use.  [ ] Not equipped/not available/destroyed or rendered inoperative [ ] Véhicle inspection [ ] Official injury data [ ] Driver/occupant interview [ ] Other (specify): [ ] Unknown if belt used	32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag  Non-functional (2) Air bag disconnected (specify):  (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (O) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown  34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify):

FIRST SEAT PROINTAL AIN	BAG SYSTEM EVALUATION
35. Had Vehicle Been in Previous Accident(s)?  (0) Not equipped/not available (1) No previous accidents  Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment	40. Longitudinal Component of  Delta V For Air Bag  Deployment Impact (_000) Not equipped/not available  Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V
<ul><li>(8) Previous accidents, unknown deployment status</li><li>(9) Unknown</li></ul>	(_997) Not deployed (_998) Unknown if deployed (_999) Unknown
36. Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed
37. Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify):	(9) Unknown  42. Were Air Bag Module Cover Flap(s) Damaged?  (0) Not equipped/not available  (1) No  (2) Yes (specific):
(9) Unknown  38. Air Bag Deployment Accident Event Sequence Number	(2) Yes (specify): (3) Deployed, unknown if air bag module cover flap(s) damaged (7) Not deployed (8) Unknown if deployed (9) Unknown
(00) Not equipped/not available  Code the accident event sequence number that initiated the air bag deployment  (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged  Yes - Air Bag Damage (02) Ruptured (03) Cut
39. CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify):  (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(04) Torn (05) Holed (06) Burned (07) Abraded (88) Other damage (specify):  (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

	FIRST SEAT FRONTAL AIR BAG SYSTEM	HEAD RESTRAINT AND SEAT EVALUATION
	Source of Air Bag Damage (00) Not equipped/not available (01) Not damaged (02) Object worn by occupant, (specify): (03) Object carried by occupant, (specify): (04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns (07) Rescue or emergency efforts (88) Other damage source (specify): (95) Damaged, unknown source (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown (99) Unknown	49. Head Restraint Type/Damage by Occupant at This Occupant Position (0) No head restraints (1) Integral—no damage (2) Integral—damaged during accident (3) Adjustable—no damage (4) Adjustable—damaged during accident (5) Add-on—no damage (6) Add-on—damaged during accident (8) Other (specify): (9) Unknown  50. Seat Type (this Occupant Position) (00) Occupant not seated or no seat (01) Bucket (02) Bucket with folding back (03) Bench (04) Bench with separate back cushions (05) Bench with folding back(s) (06) Split bench with separate back cushions
	Was The Air Bag Tethered?  (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps):  (3) Deployed, unknown if tethered (7) Not deployed (8) Unknown if deployed (9) Unknown  Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of vent ports):  (3) Deployed, unknown if vent ports present (7) Not deployed	(07) Split bench with folding back(s) (08) Pedestal (i.e., column supported) (09) Box mounted seat (i.e., van type) (10) Other seat type (specify):  (99) Unknown  51. Seat Orientation (this Occupant Position) (0) Occupant not seated or no seat (1) Forward facing seat (2) Rear facing seat (3) Side facing seat (inward) (4) Side facing seat (outward) (8) Other (specify):
47.	(8) Unknown if deployed (9) Unknown  Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (0) Not equipped/not available (1) No (2) Yes (specify):  (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown if deployed (9) Unknown	<ul> <li>52. Seat Track Adjusted Position Prior To Impact (0) Occupant not seated or no seat (1) Non-adjustable seat track</li> <li>Adjustable Seat Track (2) Seat at forward most track position (3) Seat between forward most and middle track positions (4) Seat at middle track position (5) Seat between middle and rear most track positions (6) Seat at rear most track position (9) Unknown</li> </ul>
48.	Was This Occupant Wearing Eye-wear?  (O) Not equipped/not available (1) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (8) Unknown if deployed (9) Unknown	

	HEAD RESTRAINT AND SE	AT EVALUATION continued
53.	Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14 13
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 <sup>24</sup> 23 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 <sup>34</sup> 33 36 37
	(99) Unknown	
54.	Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed (5) Deformed by impact of occupant (6) Deformed by passenger compartment intrusion, (specify):	
	(7) Combination of above (specify):	
	(8) Other (specify):(9) Unknown	
		1

	CH	IILD SAF	ETY SEA	<b>\</b> T	
55.		0	58. Child	Safety Seat Harness Usage	_00_
	(000) No child safety seat Applicable codes are found in your NASS ( Data Collection, Coding and Editing (950) Built-in child safety seat	CDS	59. Child	Safety Seat Shield Usage	00
	(997) Other make/model (specify):		60. Child	Safety Seat Tether Usage	<u>00</u>
	(998) Unknown make/model (999) Unknown if child safety seat used		Varia	: Options below applicable to bles OA58-OA60. No child safety seat	
56	Type of Child Safety Seat	0	(00)	No clina salety scat	
00.	(0) No child safety seat (1) Infant seat			Designed With Harness/Shield/Teth After market harness/shield/tether	
	(2) Toddler seat		'''	added, not used	
	(3) Convertible seat			After market harness/shield/tether	
	(4) Booster seat - with shield		(03)	Child safety seat used, but no after	er market
	(5) Booster seat - without shield			harness/shield/tether added	
	(7) Other type child safety seat (specify):		(09)	Unknown if harness/shield/tether added or used	
	(8) Unknown child safety seat type				
	(9) Unknown if child safety seat used			gned With Harness/Shield/Tether	
				Harness/shield/tether not used	
	Obited Codests, Court Orientation	()		Harness/shield/tether used Unknown if harness/shield/tether	uead
5/.	Child Safety Seat Orientation (00) No child safety seat	<u> </u>	(19)	Officiowit it flattless/sillelu/tetrier	useu
	(OO) NO Clind Salety Seat		Unki	nown If Designed With Harness/Shi	ield/Tether
	Designed for Rear Facing for This Age/Wei	iaht		Harness/shield/tether not used	0,0, , 0 0
	(01) Rear facing	9		Harness/shield/tether used	
	(02) Forward facing			Unknown if harness/shield/tether	used
	(08) Other orientation (specify):				
			(99)	Unknown if child safety seat used	t
	(09) Unknown orientation				
	Designed For Forward Facing for This Age	/Weight			
	(11) Rear facing				
	(12) Forward facing				
	(18) Other orientation (specify):				
	(19) Unknown orientation				
	Unknown Design or Orientation For This				
	Age/Weight, or Unknown Age/Weight				
	(21) Rear facing				
	(22) Forward facing				
	(28) Other orientation (specify):				•
	(29) Unknown orientation				
	(99) Unknown if child safety seat used				
			1		

INJURY CONSEQUENCES	
61. Injury Severity (Police Rating)  (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown  62. Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify):   Nonfatal (3) Hospitalization (4) Transported and released (5) Treatment at scene - nontransported (6) Treatment later (7) Treatment - other (specify):  (8) Transported to a medical facility-unknown if treated (9) Unknown	63. Type Of Medical Facility (for Initial Treatment)  (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify):  (9) Unknown  64. Hospital Stay (00) Not Hospitalized  Code the number of days (up through 60) that the occupant stayed in hospital. (61) 61 days or more (99) Unknown  65. Working Days Lost  Code the number of days (up through 60) that the occupant lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown

#### **STOP WORK HERE**

**VARIABLES 66-74** 

INJURY CONSEQUENCES	TRAUMA DATA
Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 + n up through 30 days = 60)  (00) Not fatal  (96) Fatal - ruled disease  (99) Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
67. 1st Medically Reported Cause of Death  68. 2nd Medically Reported Cause of Death  69. 3rd Medically Reported Cause of Death  Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death  (00) Not fatal or no additional causes  (96) Mode of death given but specific injuries are not linked to cause of death. (specify):	72. Was the Occupant Given Blood?  (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given  73. Arterial Blood Gases (ABG) – HCO <sub>3</sub> (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO <sub>3</sub> (96) ABGs reported , HCO <sub>3</sub> unknown (97) Injured, details unknown (99) Unknown if injured
(97) Other result (includes fatal ruled disease) (specify):  (99) Unknown	BELT USE DETERMINATION  74. Primary Source of Belt Use Determination
70. Number of Recorded Injuries for This OccupantCode the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	(0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

Administration

U.S. Department of Transportation
National Highway Traffic Safety

### **OCCUPANT INJURY FORM**

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

2. Case Number - Stratum

3. Vehicle Number

4. Occupant Number

### **INJURY DATA**

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

	Source of Injury Data	Body Region	Type of Anatomic Structure	c Anatomic		A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
1st	5	6	7. <u>9</u>	8. <u>O</u> <u>6</u>	9. <u>D</u>	- 10	11. 5 1:	2. <u>20</u> 5	13/ 1	4	15. <u>O</u>
2nd	16	17	18	19.06	20. 02	~ 21. <u> </u>	22 2:	3. <u>00</u> <u>1</u>	24. 3	25	26. <i>OO</i>
3rd	27	28. 7	29. <u>9</u>	30.04	31.02	32	33. / 34	4. <u>00 1</u>	35. <u>3</u>	86. <u>/</u>	37. <u>D</u> O
4th	38	39	40	41	42	43	44 4	5	46 4	17	48
5th	49	50	51	52	53	54	55 5	6	57	58	59
6th	60	61	62	63	64	65	66 6	7	68	69. <u> </u>	70
7th	71	72	73	74	75	76	77 7	8	79 8	30	81
8th	82	83	84	85	86	87	88 8	9	90	91	92
9th	93	94	95	96	97	98	99 10	0	101 10	02 1	03
10th	104	105 1	06 1	07	108	109	110 11	1	112 1	13 1	14

				occi	JPANT I	NJURY	DATA				
	Source of Injury	Body	Type of Anatomic	A.I.S 90 Specific Anatomic	Level of	A.I.S.		Injury	Injury Source Confidence	Direct/ Indirect	Occupant Area Intrusion
	Data	Region	Structure	Structure	Injury	Severity	Aspect	Source	Level	Injury	Number
11th							_				
12th		<del></del>	<del></del>				_				
13th		_			<del></del>						
14th				<del></del>			_				
15th											
16th						_					
17th											
18th					<del></del>					_	
19th			<del></del>						******		
20th					<u> </u>						
21st		_		<u></u>							
22nd							,		- <del></del>		
23rd									<del></del>		
24th		_									<del></del>
25th						**********				_	

# OCCUPANT INJURY CLASSIFICATION

### **Body Region**

- Head (1)
- (2)Face
- (3)Neck
- Thorax (4)
- (5) Abdomen
- (6)Spine
- **Upper Extremity** (7)
- **Lower Extremity** (8)
- (9) Unspecified

### Type of Anatomic Structure

- Whole Area (1)
- Vessels (2)
- (3) **Nerves**
- Organs (includes (4) Muscles/ligaments)
- (5) Skeletal (includes joints)
- Head LOC (6)
- (9) Skin

### Specific Anatomic Structure

Vessels, Nerves, Organs. Bones, Joints are assigned consecutive two digit numbers beginning with 02.

The exceptions to this rule apply to:

- Whole Area (02) Skin Abrasion
- (04) Skin Contusion
- (06) Skin Laceration
- (08) Skin Avulsion
- (10) Amputation
- (20) Burn
- (30) Crush
- (40) Degloving
- Injury NFS (50)
- Trauma, other than (90)mechanical

### Head - LOC

- (02) Length of LOC
- (04) Level
- (06) of
- (08) Consciousness
- (10) Concussion

### Spine

- (02) Cervical
- (04) Thoracic
- (06) Lumbar

### Level of Injury

Specific injuries are assigned consecutive two-digit numbers beginning with 02.

To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity.

### **Abbreviated Injury Scale**

- (1)Minor Injury
- (2) Moderate Injury
- (3) Serious Injury
- (4)Severe Injury
- (5) Critical Injury
- Maximum (6)(untreatable)
- (7)Injured, unknown severity

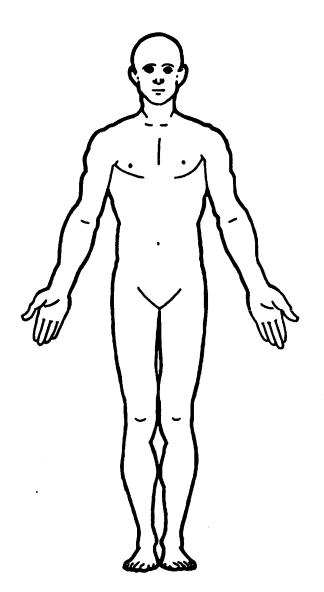
### Aspect

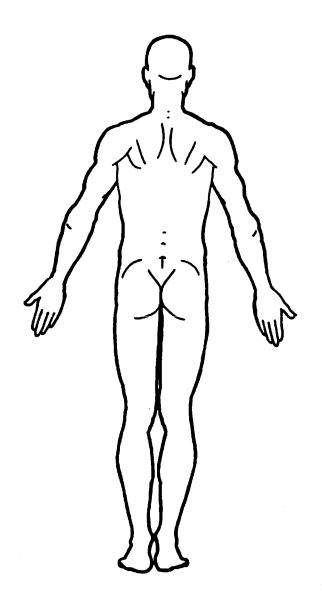
- (1)Right
- (2)Left
- Bilateral (3)
- (4)Central
- Anterior (5)
- **Posterior** (6)
- (7)Superior
- (8)Inferior
- (9)Unknown
- (0)Whole region

#### DIRECT/INDIRECT INJURY **INJURY SOURCE SOURCE OF INJURY DATA CONFIDENCE LEVEL** OFFICIAL RECORDS (1) Certain Direct contact injury (1) Autopsy records with or Indirect contact injury (2) without hospital/medical (2) Probable (3) Noncontact injury (3) Possible records (2) Hospital/medical records other (9) Unknown Injured, unknown source than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic **UNOFFICIAL RECORDS** (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): (9) Police

	INJURY SOURCES						
FRONT		(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
	Windshield	-	armrest		object held		(used behind wheel chair)
(002)		(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(412)	Other adaptive device
	Sunvisor	• •	Right B-piller		object in mouth		(specify):
	Steering wheel rim		Other right pillar (specify):	(185)	Air bag compartment		
	Steering wheel hub/spoke	,,,,,,			cover-passenger side		
	•	(106)	Right side window glass	(186).	Air bag compartment	EXTER	IOR of OCCUPANT'S
(006)	Steering wheel (combination		Right side window frame	1.00,	cover-passenger side and	VEHIC	LE
	of codes 004 and 005)	-	<u>-</u>		eyewear	(451)	Hood
(007)	Steering column,		Right side window sill	/107\	•		Outside hardware (e.g.,
	transmission selector lever,	(109)	Right side window glass	(18/)	Air bag compartment	(402)	outside mirror, antenna)
	other attachment		including one or more of the		cover-passenger side and	(450)	• • • • • • • • • • • • • • • • • • • •
(800)	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-piller, B-piller,	(188)	Air bag compartment		tires (specify):
(009)	Add on equipment (e.g.,		or roof side rail.		cover-passenger side and		· · · · · · · · · · · · · · · · · · ·
•	tape deck, air conditioner)	(110)	Other right side object		object held		
(010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
,0101	below			- *	cover-passenger side and		
(014)					object in mouth	EXTER	RIOR OF OTHER MOTOR
(011)	Center instrument panel and	AITES	IOR	(190)	Other air bag (specify)	VEHIC	
	below	INTER		(150)	Cries an naß fahacu bi		Front bumper
(012)	Right instrument panel and		Seat, back support	,	Other six her server at the se		
	below	(152)	Belt restraint	(195)	Other air bag compartment		Hood edge
(013)	Glove compartment door		webbing/buckle		cover (specify)	(503)	Other front of vehicle
(014)	Knee boister	(153)	Belt restraint B-pillar or door				(specify):
(015)	Windshield including one or		frame attachment point				
	more of the following: front	(154)	Other restraint system	ROOF		(504)	Hood
	header, A (A1/A2)-pillar,		component (specify):	(201)	Front header	(505)	Hood ornament
	instrument panel, mirror, or			(202)	Rear header	(506)	Windshield, roof rail, A-pills
		/15E)	Head restraint system		Roof left side rail	(507)	Side surface
	steering assembly (driver				Roof right side rail		Side mirrors
	side only)	(160)	Other occupants (specify):		•	• • • •	Other side protrusions
(016)	Windshield including one or			(205)	Roof or convertible top	1003)	·
	more of the following: front	•	Interior loose objects		_	,	(specify):
	header, A (A1/A2)-pillar,	(162)	Child safety seat (specify):	FLOOF			
	instrument panel, or mirror				Floor (including toe pan)	•	Rear surface
	(passenger side only)	(163)	Other interior object	(252)	Floor or console mounted	-	Undercarriage
(017)	Windshield reinforced by		(specify):	•	transmission lever, including	(512)	Tires and wheels
,0.,,	exterior object (specify)		•		console	(513)	Other exterior of other
	avraire, onlant (shapina)			(253)	Parking brake handle	-	motor vehicle (specify):
1040	Other front chiese /	AIR B	A.G.		Foot controls including		
(019)	Other front object (specify):			1207/	parking brake		<del></del>
			Air bag-driver side		herring niere	1E 4 41	Unknown exterior of other
		(171)	Air bag-driver side and	:		(514)	
LEFT S	SIDE		eyewear	REAR			motor vehicle
(051)	Left side interior surface,	(172)	Air bag-driver side and	(301)	Backlight (rear window)		
	excluding hardware or		jewelry	(302)	Backlight storage rack,	OTHE	R VEHICLE OR OBJECT IN
	armrests	(173)	Air bag-driver side and		door, etc.	THE E	ENVIRONMENT
(052)	Left side hardware or	,	object held	(303)	Other rear object (specify):	(551)	Ground
(002)	armrest	(174)	Air bag-driver side and			(598)	Other vehicle or object
INES		\ · · · <del>- ·</del> ·	object in mouth			•	(specify):
	Left A (A1/A2)-pillar	1175	•	ADAD	TIVE (ASSISTIVE) DRIVING		··· == ··
	Left B-pillar	(1/5)	Air bag compartment			/E001	Unknown vehicle or object
(055)	Other left pillar (specify):		cover-driver side		MENT	(555)	STREET THE STREET OF SUPERLY
		(176)	Air bag compartment	(401)	Hand controls for		CONTACT IN HIS
(056)	Left side window glass		cover-driver side and		braking/acceleration		CONTACT INJURY
(057)	Left side window frame		eyewear	(402)	Steering control devices		Fire in vehicle
(058)	Left side window sill	(177)	Air bag compartment		(attached to OEM steering	(602)	Flying glass
	Left side window glass		cover-driver side and jewelry		wheel)	(603)	Other noncontact injury
,5551	including one or more of the	(179)	Air bag compartment	(403)	Steering knob attached to		source
		,.,0,	cover-driver side and object		steering wheel		(specify):
	following: frame, window			(AOE)	Replacement steering wheel	(BOA)	Air bag exhaust gases
	sill, A (A1/A2)-pillar, B-pillar,	=	held	(-00)			Injured, unknown source
	or roof side rail.	(179)	Air bag compartment		(i.e., reduced diameter)	(03/)	
(060)	Other left side object		cover-driver side and object		Joy stick steering controls		
	(specify):		in mouth		Wheelchair tie-downs		
		(180	Air bag-passenger side	(408)	Modification to seat belts,		
		(181	Air bag-passenger side and		(specify):		
BICH.	T SIDE	1	eyewear	(409)	Additional or relocated		
Gri	Right side interior surface,	/182	Air bag-passenger side and		switches, (specify):		
11011	RIGHT SICE HILEHOT SUITECE,	(102	. we ned hesses ide and and				
(101)	=		iouolee				
(101)	excluding hardware or armrests		jewelry	1410	Raised roof	-	

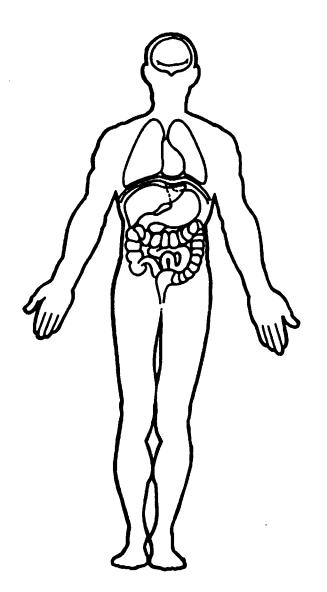
Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

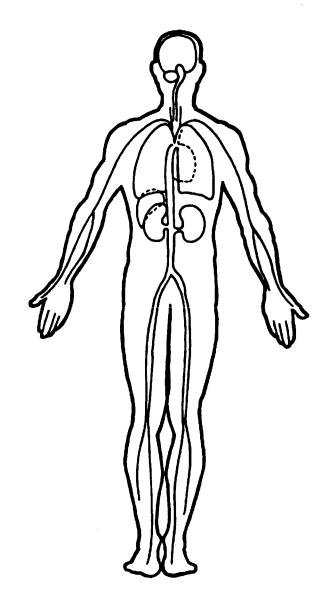




	OFFICIAL INJURY DATA — SI	CELETAL INJURIES
Restrained?  No Yes	Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture) Source of all injuries indicated by official sources (or from PAR or other unoffunavailable.)	re type, head injury clinical signs and neurological deficits), and icial sources if medical records and interviewee data are
Blood Alcohol Level (mg/dl) BAL =	bod)	
Glasgow Coma Scale Score GCSS =		
Units of Blood Given Units =		
Arterial Blood Gases pH = PO <sub>2</sub> =		
PCO <sub>2</sub>		

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)







OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM

U.S. Department of Transportation

Nat

HS Form 433A (1/95)

tional Highway Traffic Safety ministration	CKASHWORTHINESS DATA STOTEM
1	OCCUPANT'S SEATING
1. Primary Sampling Unit Number	21
. a c R	10. Occupant's Seat Position
2. Case Number - Stratum	Front Seat
$\alpha$	(11) Left side
3. Vehicle Number	(12) Middle
()3	(13) Right side
4. Occupant Number	(14) Other (specify):
OCCUPANT'S CHARACTERISTICS	(15) On or in the lap of another occupant
	0 101
5. Occupant's Age	Second Seat
Code actual age at time of accident.	(21) Left side
(00) Less than one year old (specify by month):	(22) Middle
100/ 2000 11121	(23) Right side
(97) 97 years and older	(24) Other (specify):
(99) Unknown	(25) On or in the lap of another occupant
100)	71:40:-4
	Third Seat
1	(31) Left side
6. Occupant's Sex	(32) Middle
(1) Maie	(33) Right side
(2) Female-not reported pregnant	(34) Other (specify):(35) On or in the lap of another occupant
(3) Female-pregnant-1st trimester(1st-3rd month)	(35) On or in the lap of another occupant
(4) Female-pregnant-2nd trimester(4th-6th month)	Sound Cont
(5) Female-pregnant-3rd trimester(7th-9th month)	Fourth Seat
(6) Female-pregnant-term unknown	(41) Left side
(9) Unknown	(42) Middle
<b>\-</b> /	(43) Right side
	(44) Other (specify):(45) On or in the lap of another occupant
7 Occupant's Height / 63	(45) On or in the lap of another occupant
7. Occupant o	(97) In or on unenclosed area
Code actual height to the nearest	(98) Other seat (specify):
centimeter.	(99) Unknown
یے (999) <sub>.</sub> Unknown	(93) Chkhown
$64$ inches $\times 2.54 = 162$ centimeters	
$ \underline{\varphi}  \underline{T} $ inches X 2.54 = $\underline{I}  \underline{\varphi}  \underline{C}$ centimeters	
	11. Occupant's Posture
8. Occupant's Weight	(0) Normal posture
Code actual weight to the nearest	
kilogram.	Abnormal posture
(999)Unknown	(1) Kneeling or standing on seat
$(999) Unknown$ $100_{\text{pounds } X .4536} = 49.8 \text{ kilograms}$	(2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat
	(4) Sitting sideways or turned to talk with another
	occupant or to look out a rear window
9. Occupant's Role	(5) Sitting on a console
(1) Driver	(6) Lying back in a reclined seat position
(2) Passenger	(7) Bracing with feet or hands on a surface in front
(9) Unknown	of seat (8) Other abnormal posture (specify):
	(8) Other abnormal posture (specify).
	(9) Unknown
	,5, 5,

	EJECTION/ENTRAPMENT			
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown (9) Unknown	<u>(^)</u> degree	15. Medium Status (Immediately Prior To Impact)  (O) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown		
13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., ba (specify): (9) Unknown  14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof struct (3) Fixed glazing (4) Nonfixed glazing (s (5) Integral structure (8) Other medium (spe	cture	16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrained (2) Could not exit vehicle due to jammed doors, fire, etc. (specify):  (9) Unknown  17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconscious or disoriented (2) Removed from vehicle due to injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown		

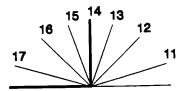
BELT SYSTEN	I FUNCTION
18. Manual (Active) Belt System Availability (0) None available (1) Belt removed/destroyed (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt available—type unknown  Integral Belt Partially Destroyed (6) Shoulder belt (lap belt destroyed/removed) (7) Lap belt (shoulder belt destroyed/removed) (8) Other belt (specify): (9) Unknown  19. Manual (Active) Belt System Use (00) None used, not available, or belt	22. Shoulder Belt Upper Anchorage Adjustment (0) No shoulder belt (1) No upper anchorage adjustment for shoulder belt  Adjustable shoulder Belt Upper Anchorage (2) In full up position (3) In mid position (4) In full down position (5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment  23. Automatic (Passive) Belt System Availability/ Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts - type unknown
removed/destroyed (01) Inoperative (specify):  (02) Shoulder belt (03) Lap belt (04) Lap and shoulder belt (05) Belt used—type unknown (08) Other belt used (specify):  (12) Shoulder belt used with child safety seat (13) Lap belt used with child safety seat (14) Lap and shoulder belt used with child safety seat (15) Belt used with child safety seat—type unknown (18) Other belt used with child safety seat (specify): (99) Unknown if belt used  20. Proper Use of Manual (Active) Belts (0) None used or not available (1) Belt used properly (2) Belt used properly with child safety seat  Belt Used Improperly (3) Shoulder belt worn under arm (4) Shoulder belt worn behind back or seat (5) Belt worn around more than one person (6) Lap belt worn on abdomen (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): (8) Other improper use of manual belt system (specify):	Won-functional   (4) Automatic belts destroyed or rendered inoperative   (9) Unknown
21. Manual (Active) Belt Failure Modes During Accident (0) No manual belt used or not available (1) No manual belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify):  (6) Broken retractor (7) Combination of above (specify):  (8) Other manual belt failure (specify):	(8) Other improper use of automatic belt system (specify): (9) Unknown  27. Automatic (Passive) Belt Failure Modes     During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify):  (6) Broken retractor (7) Combination of above (specify): (8) Other automatic belt failure (specify):

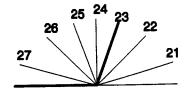
POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use  (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag  Non-functional (2) Air bag disconnected (specify):  (3) Air bag not reinstalled (9) Unknown
(8) Other type belt, (specify):  (9) Police indicated "unknown"  29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use.  [ ] Not equipped/not available/destroyed or rendered inoperative [ ] Vehicle inspection [ ] Official injury data [ ] Driver/occupant interview [ ] Other (specify): [ ] Unknown if belt used	32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag  Non-functional (2) Air bag disconnected (specify):  (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify):

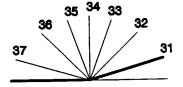
	FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION					
	Had Vehicle Been in Previous Accident(s)?  (O) Not equipped/not available (1) No previous accidents  Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of + Delta V For Air Bag				
36.	Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed				
37.	Had Any Prior Maintenance/Service Been Performed On This Air Bag System?  (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify):  (9) Unknown	(9) Unknown  42. Were Air Bag Module Cover Flap(s) Damaged?  (0) Not equipped/not available  (1) No  (2) Yes (specify):  (3) Deployed, unknown if air bag module cover				
38.	Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	flap(s) damaged (7) Not deployed (8) Unknown if deployed (9) Unknown  43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged  Yes - Air Bag Damage (02) Ruptured (03) Cut				
39.	CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify):  (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(04) Torn (05) Holed (06) Burned (07) Abraded (88) Other damage (specify):  (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown				

	FIRST SEAT FRONTAL AIR BAG SYSTEM		HEAD RESTRAINT AND SEAT EVALUATION
	EVALUATION continued		49. Head Restraint Type/Damage by Occupant 3
44.	Source of Air Bag Damage	2	at This Occupant Position
	(00) Not equipped/not available	į	(0) No head restraints
	(O1) Not damaged		(1) Integral—no damage
	(02) Object worn by occupant, (specify):		(2) Integral—damaged during accident (3) Adjustable—no damage
l	(03) Object carried by occupant, (specify):	-	(3) Adjustable—no damage (4) Adjustable—damaged during accident
	(03) Object carried by occupant, toposity.		(5) Add-on—no damage
	(04) Adaptive/assistive controls, (specify):	_	(6) Add-on—damaged during accident (8) Other (specify):
	(05) Fire in vehicle	_	
	(06) Thermal burns	İ	(9) Unknown
	(07) Rescue or emergency efforts (88) Other damage source (specify):		50. Seat Type (this Occupant Position)
	(88) Other damage source (specify).		(00) Occupant not seated or no seat
	(95) Damaged, unknown source	_	(01) Bucket
	(96) Deployed, unknown if damaged		(O2) Bucket with folding back
	(97) Not deployed		(O3) Bench
	(98) Unknown if deployed	1	(04) Bench with separate back cushions
1	(99) Unknown		(05) Bench with folding back(s)
l		_	(06) Split bench with separate back cushions (07) Split bench with folding back(s)
45.		0	(O8) Pedestal (i.e., column supported)
	(0) Not equipped/not available		(09) Box mounted seat (i.e., van type)
	(1) No		(10) Other seat type (specify):
	(2) Yes (specify number of tether straps):		(99) Unknown
	(3) Deployed, unknown if tethered		
	(7) Not deployed (8) Unknown if deployed		51. Seat Orientation (this Occupant Position)
	(9) Unknown	h	(0) Occupant not seated or no seat
	• •	0	(1) Forward facing seat
46.	Did The Air Bag Have Vent Ports?		(2) Rear facing seat (3) Side facing seat (inward)
	(0) Not equipped/not available		(4) Side facing seat (inward)
	<ul><li>(1) No</li><li>(2) Yes (specify number of vent ports):</li></ul>	•	(8) Other (specify):
	(3) Deployed, unknown if vent ports present		(9) Unknown
	(7) Not deployed		1
	(8) Unknown if deployed		52. Seat Track Adjusted Position Prior To Impact _/_
	(9) Unknown		(0) Occupant not seated or no seat
	Manual Air Bon in this Occupant's Position	$\wedge$	(1) Non-adjustable seat track
47.	Was the Air Bag in this Occupant's Position Contacted by Another Occupant?	~	Adjustable Seat Track
1	(0) Not equipped/not available		(2) Seat at forward most track position
	(1) No		(3) Seat between forward most and middle track
	(2) Yes (specify):		positions (4) Seat at middle track position
	(3) Deployed, unknown if other occupant conta	act	(5) Seat between middle and rear most track positions
	(7) Not deployed		(6) Seat at rear most track position
	(8) Unknown if deployed		(9) Unknown
	(9) Unknown	$\bigcap$	<b>)</b>
1		$\cup$	<b>'</b>
48	. Was This Occupant Wearing Eye-wear?		-
	(0) Not equipped/not available		
1	(1) No (2) Eyeglasses/sunglasses		
	(3) Contact lenses		
	(4) Deployed, unknown if eyewear worn		
	(7) Not deployed		
	(8) Unknown if deployed		
	(9) Unknown		

	HEAD RESTRAINT AND SEA	AT EVALUATION continued
5:	3. Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 <sup>24</sup> 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 34 36 37
	(99) Unknown  54. Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed (5) Deformed by impact of occupant (6) Deformed by passenger compartment intrusion, (specify):  (7) Combination of above (specify):  (8) Other (specify):	
	(9) Unknown	







	CHILD SAFETY SEAT						
55.	Child Safety Seat Make/Model	58. Child Safety Seat Harness Usage					
	(000) No child safety seat Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Built-in child safety seat	59. Child Safety Seat Shield Usage					
	(997) Other make/model (specify):	60. Child Safety Seat Tether Usage					
	(998) Unknown make/model (999) Unknown if child safety seat used	Note: Options below applicable to Variables OA58-OA60. (00) No child safety seat					
56	Type of Child Safety Seat						
50.	(0) No child safety seat (1) Infant seat	Not Designed With Harness/Shield/Tether (01) After market harness/shield/tether					
	(2) Toddler seat	added, not used					
	(3) Convertible seat	(O2) After market harness/shield/tether used (O3) Child safety seat used, but no after market					
	(4) Booster seat - with shield	harness/shield/tether added					
	(5) Booster seat - without shield	(09) Unknown if harness/shield/tether					
	(7) Other type child safety seat (specify):	added or used					
	(8) Unknown child safety seat type	Designed With Harness/Shield/Tether					
	(9) Unknown if child safety seat used	(11) Harness/shield/tether not used					
		(12) Harness/shield/tether used					
<b>-</b> -	Child Safety Seat Orientation	(19) Unknown if harness/shield/tether used					
57.	(00) No child safety seat						
	(OO) 140 Child Stricty Sout	Unknown If Designed With Harness/Shield/Tether					
	Designed for Rear Facing for This Age/Weight	(21) Harness/shield/tether not used					
	(01) Rear facing	(22) Harness/shield/tether used					
	(O2) Forward facing	(29) Unknown if harness/shield/tether used					
	(08) Other orientation (specify):	(99) Unknown if child safety seat used					
	(09) Unknown orientation						
	Designed For Forward Facing for This Age/Weigh	t					
	(11) Rear facing						
	(12) Forward facing						
	(18) Other orientation (specify):						
	(19) Unknown orientation						
	Unknown Design or Orientation For This						
İ	Age/Weight, or Unknown Age/Weight						
	(21) Rear facing						
	(22) Forward facing						
	(28) Other orientation (specify):						
	(29) Unknown orientation						
	(99) Unknown if child safety seat used						
1		Ĭ					

INJURY CONSEQUENCES	
61. Injury Severity (Police Rating)  (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown	63. Type Of Medical Facility (for Initial Treatment)  (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify):
62. Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify):  Nonfatal	64. Hospital Stay (00) Not Hospitalized Code the number of days (up through 60) that the occupant stayed in hospital. (61) 61 days or more (99) Unknown
(3) Hospitalization (4) Transported and released (5) Treatment at scene - nontransported (6) Treatment later (7) Treatment - other (specify):  (8) Transported to a medical facility-unknown if treated (9) Unknown	65. Working Days Lost  Code the number of days (up through 60) that the occupant lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown
STOD W	ODV HEDE

### STOP WORK HERE

**VARIABLES 66-74** 

	INJURY CONSEQUENCES		TRAUMA DATA
66.	Time to Death  Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day 31, 2 days = 32, n days = 30 + n up through 30 days = 60)  (00) Not fatal  (96) Fatal - ruled disease  (99) Unknown	<u> </u>	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
	1st Medically Reported Cause of Death	00	72. Was the Occupant Given Blood?  (1) No - blood not given  (2) Yes - blood given
68.	2nd Medically Reported Cause of Death		(specify units): (9) Unknown if blood given
69.	3rd Medically Reported Cause of Death Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify):	<i>Q.</i> Q.	73. Arterial Blood Gases (ABG) – HCO <sub>3</sub> (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO <sub>3</sub> (96) ABGs reported, HCO <sub>3</sub> unknown (97) Injured, details unknown (99) Unknown if injured
	(97) Other result (includes fatal ruled disease) (specify):		BELT USE DETERMINATION
70.	Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	02	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used



U.S. Department of Transportation

2. Case Number - Stratum

National Highway Traffic Safety Administration

# **OCCUPANT INJURY FORM**

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

<u> 198B</u>

3. Vehicle Number

<u>0/</u> 03

4. Occupant Number

### **INJURY DATA**

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

				A 1 C					Iniuese		Occupant
	Source of Injury	Body	Type of Anatomic	A.I.S Specific Anatomic	Level of	A.I.S.		Injury	Injury Source Confidence	Direct/ Indirect	Area Intrusion
	Data	Region	Structure	Structure	Injury	Severity	Aspect	Source	Level	Injury	Number
1st	5.3	6. 6	7. 4	8. <i>06</i>	9. <u>7</u> 8	10	11. 8 12.	603	3 13	14. 3	15. <u>0</u> 0
2nd	16	17.	18. 4	19. <u>0</u> 2	20. 02	-21	22. 223.	15	/24. <u>3</u>	25	26. <u>O O</u>
3rd	27	28	29 :	30	31	32	33 34.	<u> </u>	35	36	37
4th	38	39	40	<b>i</b> 1	42	43	44 45.		46	47	48
5th	49	50	<b>51</b>	52	53	54	55 56.	<del></del>	57	58	59
6th	60	61	<b>62</b>	53	64	65	66 67.	<del></del>	68	69	70
7th	71	72	73	74	75	76	77 78.		<sup>79.</sup>	80	81
8th	82	83	84	35	86	87	88 89.	———	90	91	92
9th	93	94	95	96	97	98	99 100.	<del></del>	101 1	02 ′	103
10th	104	105 1	06 1	07	108	109	<u>1</u> 10 111.		112 1	13 `	114

				OCCL	JPANT I	NJURY	DATA				
	Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
11th											
12th			<del></del>								
13th		<del></del>				<del></del>					<del></del>
14th										<del></del>	<del></del>
15th				·					_		
16th											
17th		_		<del></del>						·	
18th			—			_		<u> </u>			
19th											<del></del>
20th	<del></del>								. <u></u>	_	
21st	_					<del></del>	_	<del></del>		<del></del>	
22nd		_			<del></del>		<del></del> ;				
23rd	<del></del>								<del></del>		
24th											
25th						. <u> </u>					

<u>Spine</u>

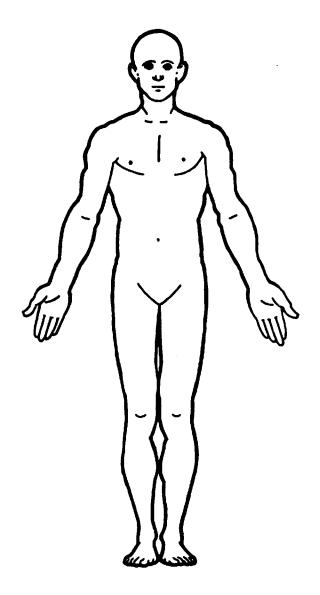
(02) Cervical (04) Thoracic (06) Lumbar

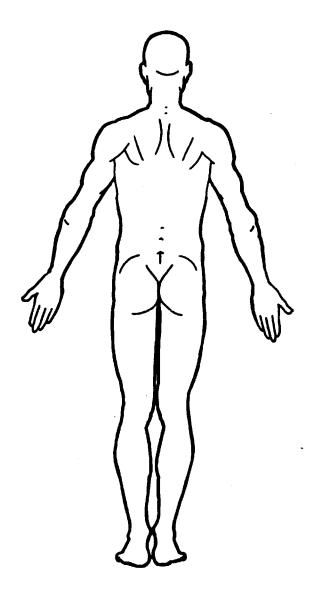
#### OCCUPANT INJURY CLASSIFICATION Aspect Level of Injury **Specific Anatomic Body Region** Structure Right Specific injuries are (1)Head assigned consecutive (2)Left Face (2)(3) Bilateral two-digit numbers Vessels, Nerves, Organs. (3) Neck Central (4)beginning with 02. Bones, Joints are assigned Thorax (4)(5) **Anterior** consecutive two digit (5) Abdomen (6)**Posterior** To the extent possible, numbers beginning with (6)Spine Superior (7)within the organizational 02. **Upper Extremity** (7)framework of the AIS, 00 (8)Inferior **Lower Extremity** (8) Unknown (9) is assigned to an injury The exceptions to this rule (9) Unspecified Whole region NFS as to severity or apply to: where only one injury is given in the dictionary for Type of Anatomic Whole Area (02) Skin - Abrasion that anatomic structure. Structure (04) Skin - Contusion 99 is assigned to any injury NFS as to lesion or (06) Skin - Laceration Whole Area (1)severity. (08) Skin - Avulsion Vessels (2)(10) Amputation (3) Nerves (20) Burn **Abbreviated Injury Scale** Organs (includes (4) (30) Crush Muscles/ligaments) Minor Injury (1)(5)Skeletal (includes (40) Degloving (2)Moderate Injury (50) Injury - NFS joints) (3) Serious Injury (90) Trauma, other than Head - LOC (6)Severe Injury (4) mechanical (9) Skin (5) Critical Injury Maximum Head - LOC (6)(untreatable) (02) Length of LOC (7)Injured, unknown (04) Level severity (06) of (08) Consciousness (10) Concussion

SOURCE OF INJURY DATA	INJURY SOURCE	DIRECT/INDIRECT INJURY
	CONFIDENCE LEVEL	
OFFICIAL RECORDS  (1) Autopsy records with or without hospital/medical records  (2) Hospital/medical records other than emergency room (e.g., discharge summary)  (3) Emergency room records only (including associated X-rays or other lab reports)  (4) Private physician, walk-in or emergency clinic	<ul><li>(1) Certain</li><li>(2) Probable</li><li>(3) Possible</li><li>(9) Unknown</li></ul>	(1) Direct contact injury (2) Indirect contact injury (3) Noncontact injury (7) Injured, unknown source
UNOFFICIAL RECORDS (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify):		

			INJURY :	sour	CES		
FRONT		(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
(001)	Windshield		armrest		object held		(used behind wheel chair)
(002)	Mirror	(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(412)	Other adaptive device
	Sunvisor	(104)	Right B-pillar		object in mouth		(specify):
	Steering wheel rim		Other right pillar (specify):	(185)	Air bag compartment		
	Steering wheel hub/spoke	,,,,,,			cover-passenger side		
	Steering wheel (combination	(106)	Right side window glass	(186)	Air bag compartment	EXTER	RIOR of OCCUPANT'S
(000)	-	(107)		(1.00)	cover-passenger side and	VEHIC	LE
	of codes 004 and 005)		· ·		eyewear	(451)	
(007)	Steering column,		Right side window sill	44.071	Air bag compartment		Outside hardware (e.g.,
	transmission selector lever,	(109)	Right side window glass	(10/)	• • • • • • • • • • • • • • • • • • • •	(402)	outside mirror, antenna)
	other attachment		including one or more of the		cover-passenger side and	(450)	
(800)	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment		tires (specify):
(009)	Add on equipment (e.g.,		or roof side rail.		cover-passenger side and		
	tape deck, air conditioner)	(110)	Other right side object		object held		
(010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
	below				cover-passenger side and		
(011)	Center instrument panel and				object in mouth	EXTER	RIOR OF OTHER MOTOR
(011)	below	INTER	IOR	(190)	Other air bag (specify)	VEHIC	CLE
(04.0)			Seat, back support	,,	omer an and tobern't		Front bumper
(012)	Right instrument panel and		• • • • • • • • • • • • • • • • • • • •	/10E)	Other air bag compartment		Hood edge
	below	(152)	Belt restraint	(130)	· ·		Other front of vehicle
(013)	Glove compartment door		webbing/buckle		cover (specify)	(303)	
(014)	Knee bolster	(153)	Belt restraint B-pillar or door				(specify):
(015)	Windshield including one or		frame attachment point				
	more of the following: front	(154)	Other restraint system	ROOF			Hood
	header, A (A1/A2)-pillar,		component (specify):	(201)	Front header	(505)	Hood ornament
	instrument panel, mirror, or			(202)	Rear header	(506)	Windshield, roof rail, A-pillar
	steering assembly (driver	(155)	Head restraint system	(203)	Roof left side rail	(507)	Side surface
	side only)	(160)	Other occupants (specify):	(204)	Roof right side rail	(508)	Side mirrors
(016)	Windshield including one or	,,,,,,,			Roof or convertible top	(509)	Other side protrusions
(010)	· · · · · · · · · · · · · · · · · · ·	(161)	Interior loose objects	,,			(specify):
	more of the following: front		•	FLOO	•		(0)
	header, A (A1/A2)-pillar,	(162)	Child safety seat (specify):			/E10\	Rear surface
	instrument panel, or mirror				Floor (including toe pan)		
	(passenger side only)	(163)	Other interior object	(252)	Floor or console mounted		Undercarriage
(017)	Windshield reinforced by		(specify):		transmission lever, including	-	Tires and wheels
	exterior object (specify)				console	(513)	Other exterior of other
				(253)	Parking brake handle		motor vehicle (specify):
(019)	Other front object (specify):	AIR B	AG	(254)	Foot controls including		
	•	(170)	Air bag-driver side		parking brake		
		(171)	Air bag-driver side and			(514)	Unknown exterior of other
LEFT :	SIDE	• • • • • •	eyewear	REAR			motor vehicle
	Left side interior surface,	(172)	Air bag-driver side and		Backlight (rear window)		
(051)		(,,_,	•		Backlight storage rack,	OTHE	R VEHICLE OR OBJECT IN
	excluding hardware or	(470)	jewelry Air bag-driver side and	(502)	door, etc.		ENVIRONMENT
	armrests	(1/3)	Air bag-driver side and	(000)			
(052)	Left side hardware or		object held	(303)	Other rear object (specify):		Ground
	armrest	(174)	Air bag-driver side and			(598)	Other vehicle or object
(053)	Left A (A1/A2)-pillar		object in mouth				(specify):
(054)	Left B-pillar	(175)	Air bag compartment	ADAF	TIVE (ASSISTIVE) DRIVING		
(055)	Other left pillar (specify):		cover-driver side	EQUI	PMENT	(599)	Unknown vehicle or object
		(176)	Air bag compartment	(401)	Hand controls for		
(056)	Left side window glass		cover-driver side and		braking/acceleration	NON	CONTACT INJURY
	Left side window frame		eyewear	(402)	Steering control devices	(601)	Fire in vehicle
	Left side window sill	(177)	Air bag compartment		(attached to OEM steering	(602)	Flying glass
	Left side window glass	,	cover-driver side and jewelry		wheel)		Other noncontact injury
(000)	including one or more of the	/1791	Air bag compartment	(403)	Steering knob attached to		source
		(1/0)		(+00/	steering wheel		(specify):
	following: frame, window		cover-driver side and object	IANE	-	IROA	Air bag exhaust gases
	sill, A (A1/A2)-pillar, B-pillar,		held	(405)	Replacement steering wheel		•
	or roof side rail.	(179)	Air bag compartment		(i.e., reduced diameter)	(697)	Injured, unknown source
(060)	Other left side object		cover-driver side and object		Joy stick steering controls		
	(specify):		in mouth	(407)	Wheelchair tie-downs		
		(180)	Air bag-passenger side	(408)	Modification to seat belts,		
		(181)	Air bag-passenger side and		(specify):		
		•		(409)	Additional or relocated		
RIGH.	T SIDE		eyewear				
	SIDE Right side interior surface.	(182)					
	SIDE Right side interior surface, excluding hardware or	(182)	Air bag-passenger side and jewelry		switches, (specify):		

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

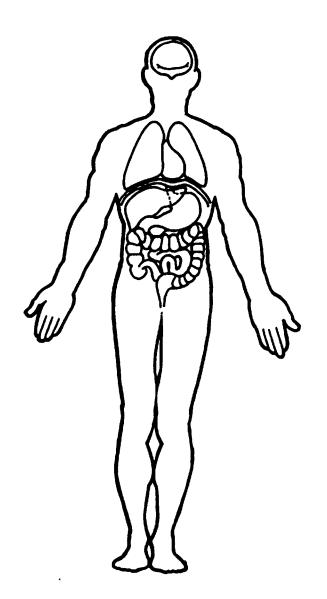


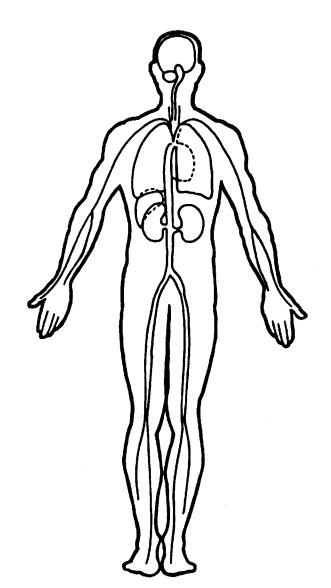


	OFFICIAL INJURY DA	TA — SKELETAL INJURIES
Restrained? No Yes	Indicate the Location, Specific Anatomic Structure, Detail (size, of Source of all injuries indicated by official sources (or from PAR of unavailable.)	lepth, fracture type, head injury clinical signs and neurological deficits), and r other unofficial sources if medical records and interviewee data are
Blood Alcohol Level (mg/dl) BAL =	DO O	
Glasgow Coma Scale Score GCSS =		
Units of Blood Given Units =		
Arterial Blood Gases pH = PO <sub>2</sub> =		
PCO <sub>3</sub>		

# OFFICIAL INJURY DATA —INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)







# OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

U.S. Department of Transportation National Highway Traffic Safety

HS Form 433A (1/95)

dministration	OCCUPANT'S SEATING
1. Primary Sampling Unit Number	10. Occupant's Seat Position 22
2. Case Number - Stratum 1988	Front Seat
3. Vehicle Number	(11) Left side (12) Middle
4. Occupant Number _ <u>0</u> 4_	(13) Right side
	(14) Other (specify):(15) On or in the lap of another occupant
OCCUPANT'S CHARACTERISTICS	(10) On or an and an another dedupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month):  (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant  Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify):
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknown  6.3 inches x 2.54 = 160 centimeters	(45) On or in the lap of another occupant  (97) In or on unenclosed area (98) Other seat (specify): (99) Unknown
8. Occupant's Weight Code actual weight to the nearest kilogram. (999)Unknown  1/0 pounds X .4536 =	11. Occupant's Posture (0) Normal posture  Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown

	EJECTION/ENTRAPMENT							
12. Ejection (0) No ejection (1) Complete e (2) Partial eject (3) Ejection, un (9) Unknown  13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear	ejection tion nknown degree		15. Medium Status (Immediately Prior To Impact)  (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown  16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrained (2) Could not exit vehicle due to jammed doors, fire, etc. (specify):					
(5) Right rear (6) Rear (7) Roof (8) Other area (specify): (9) Unknown  14. Ejection Medium (0) No ejection (1) Door/hatch/ (2) Nonfixed ro (3) Fixed glazin	/tailgate oof structure eg	<u>0</u>	(9) Unknown  17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconscious or disoriented (2) Removed from vehicle due to injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown					
(4) Nonfixed gla (5) Integral stru (8) Other mediu (9) Unknown	ucture							

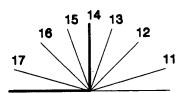
	BELT SYSTEM	I FUNCTION
18.	Manual (Active) Belt System Availability  (0) None available (1) Belt removed/destroyed (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt available—type unknown  Integral Belt Partially Destroyed (6) Shoulder belt (lap belt destroyed/removed) (7) Lap belt (shoulder belt destroyed/removed) (8) Other belt (specify):	22. Shoulder Belt Upper Anchorage Adjustment (0) No shoulder belt (1) No upper anchorage adjustment for shoulder belt  Adjustable shoulder Belt Upper Anchorage (2) In full up position (3) In mid position (4) In full down position (5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment
19.	(9) Unknown  Manual (Active) Belt System Use (00) None used, not available, or belt removed/destroyed	23. Automatic (Passive) Belt System Availability/ Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts - type unknown
	(01) Inoperative (specify):  (02) Shoulder belt (03) Lap belt (04) Lap and shoulder belt (05) Belt used—type unknown	Non-functional (4) Automatic belts destroyed or rendered inoperative (9) Unknown  24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or
	<ul> <li>(08) Other belt used (specify):</li> <li>(12) Shoulder belt used with child safety seat</li> <li>(13) Lap belt used with child safety seat</li> <li>(14) Lap and shoulder belt used with child safety seat</li> <li>(15) Belt used with child safety seat—type unknown</li> <li>(18) Other belt used with child safety seat</li> </ul>	rendered inoperative (1) Automatic belt in use (2) Automatic belt not in use (manually disconnected, motorized track inoperative) (specify): (3) Automatic belt use unknown (9) Unknown
20.	(specify): (99) Unknown if belt used  Proper Use of Manual (Active) Belts	25. Automatic (Passive) Belt System Type (0) Not equipped/not available (1) Non-motorized system (2) Motorized system
	<ul> <li>(0) None used or not available</li> <li>(1) Belt used properly</li> <li>(2) Belt used properly with child safety seat</li> <li>Belt Used Improperly</li> <li>(3) Shoulder belt worn under arm</li> <li>(4) Shoulder belt worn behind back or seat</li> <li>(5) Belt worn around more than one person</li> <li>(6) Lap belt worn on abdomen</li> <li>(7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify):</li> <li>(8) Other improper use of manual belt system</li> </ul>	(9) Unknown  26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly with child safety seat  Automatic Belt Used Improperly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person
	(specify):	(6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly
21.	Manual (Active) Belt Failure Modes  During Accident  (0) No manual belt used or not available  (1) No manual belt failure(s)  (2) Torn webbing (stretched webbing not included)  (3) Broken buckle or latchplate  (4) Upper anchorage separated  (5) Other anchorage separated (specify):  (6) Broken retractor  (7) Combination of above (specify):  (8) Other manual belt failure (specify):	with child safety seat (specify):  (8) Other improper use of automatic belt system (specify):  (9) Unknown  27. Automatic (Passive) Belt Failure Modes During Accident  (0) Not equipped/not available/not in use  (1) No automatic belt failure(s)  (2) Torn webbing (stretched webbing not included)  (3) Broken buckle or latchplate  (4) Upper anchorage separated  (5) Other anchorage separated (specify):  (6) Broken retractor  (7) Combination of above (specify):  (8) Other automatic belt failure (specify):
		(9) Unknown

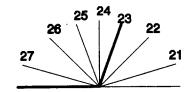
POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use  (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag  Non-functional (2) Air bag disconnected (specify):  (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown"  29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	<ul> <li>31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown</li> </ul>
Check the Primary Source Used In Determining Belt Use.  [ ] Not equipped/not available/destroyed or rendered inoperative [ ] Vehicle inspection [ ] Official injury data [ ] Driver/occupant interview [ ] Other (specify): [ ] Unknown if belt used	32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag  Non-functional (2) Air bag disconnected (specify):  (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	Failure? (This Occupant Position) (O) Not equipped/not available (1) No (2) Yes (specify):  (9) Unknown

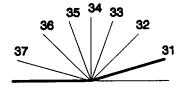
	FIRST SEAT FRONTAL AIR E	AG SYSTEM EVALUATION
35.	Had Vehicle Been in Previous Accident(s)?  (0) Not equipped/not available (1) No previous accidents  Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of  Delta V For Air Bag  Deployment Impact (_000) Not equipped/not available  Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V (_997) Not deployed (_998) Unknown if deployed (_999) Unknown
36.	Type of Air Bag  (0) Not equipped/not available  (1) Original manufacturer installed system  (2) Retrofitted air bag  (3) Replacement air bag  (8) Unknown type of air bag  (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed
37.	Had Any Prior Maintenance/Service  Been Performed On This Air Bag System?  (O) Not equipped/not available  (1) No prior maintenance  (2) Yes, prior maintenance (specify):  (9) Unknown	(9) Unknown  42. Were Air Bag Module Cover Flap(s) Damaged?  (0) Not equipped/not available  (1) No  (2) Yes (specify):  (3) Deployed, unknown if air bag module cover flap(s) damaged
38.	Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available	(7) Not deployed (8) Unknown if deployed (9) Unknown
	Code the accident event sequence number that initiated the air bag deployment  (96) Deployed, unknown event  (97) Not deployed  (98) Unknown if deployed  (99) Unknown	43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged  Yes - Air Bag Damage (02) Ruptured (03) Cut
39	. CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify):  (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(04) Torn (05) Holed (06) Burned (07) Abraded (88) Other damage (specify):  (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

	FIRST SEAT FRONTAL AIR BAG SYSTEM		HEA	D F	RESTRAINT AND SEAT EVALUATION	
	EVALUATION continued		49. H	lead	Restraint Type/Damage by Occupant	_
44. \$	Source of Air Bag Damage	<u>)</u>	a:	it Th	nis Occupant Position	-
	00) Not equipped/not available	1		-,	No head restraints	
(	O1) Not damaged	1	-	1)	Integral—no damage	
(	02) Object worn by occupant, (specify):	l	(2	2)	Integral — damaged during accident	
	03) Object carried by occupant, (specify):	-		3) 4)	Adjustable—no damage Adjustable—damaged during accident	
		_	(!	5)	Add-on-no damage	
ı	(04) Adaptive/assistive controls, (specify):		((	6)	Add-on—damaged during accident	
1	(05) Fire in vehicle	-	(3	0)	Other (specify):	
	(06) Thermal burns	. ]	(!	9)	Unknown	
	(07) Rescue or emergency efforts					_
	(88) Other damage source (specify):		50. S	Seat	Type (this Occupant Position)	-
	(95) Damaged, unknown source	-	(	(00)	Occupant not seated or no seat	
	(96) Deployed, unknown source (96) Deployed, unknown if damaged				Bucket Bucket with folding back	
	(97) Not deployed				Bench	
	(98) Unknown if deployed		1	04)	Bench with separate back cushions	
	(99) Unknown		1 (	(05)	Bench with folding back(s)	
			(	(06)	Split bench with separate back cushions	
45	Was The Air Bag Tethered?	0	(	(07)	Split bench with folding back(s)	
	(0) Not equipped/not available		(	(80)	Pedestal (i.e., column supported)	
	(1) No				Box mounted seat (i.e., van type)	
	(2) Yes (specify number of tether straps):	; 	ļ '	(10)	Other seat type (specify):	
	(O) Darland make and if tasks and		1	(99)	Unknown	
	(3) Deployed, unknown if tethered					
	(7) Not deployed (8) Unknown if deployed		51. 9	Seat	t Orientation (this Occupant Position)	_
	(9) Unknown	-			Occupant not seated or no seat	
		0			Forward facing seat	
46.	Did The Air Bag Have Vent Ports?	<u> </u>			Rear facing seat	
1	(0) Not equipped/not available (1) No				Side facing seat (inward) Side facing seat (outward)	
	(1) No (2) Yes (specify number of vent ports):				Other (specify):	
			1	•		
1	(3) Deployed, unknown if vent ports present		(	(9) i	Unknown	
	(7) Not deployed			_	Turnity Additional Projects Date: To Impact	
1	(8) Unknown if deployed				t Track Adjusted Position Prior To Impact <u>J</u> Occupant not seated or no seat	_
1	(9) Unknown	$\wedge$			Non-adjustable seat track	
47	Was the Air Bag in this Occupant's Position	O		( ' '	TOTA GUIDAGA GODE TO AGE	
```	Contacted by Another Occupant?			Adju	ustable Seat Track	
	(0) Not equipped/not available			(2)	Seat at forward most track position	
1	(1) No				Seat between forward most and middle track	
	(2) Yes (specify):				positions	
	(3) Deployed, unknown if other occupant conta	act		(4) (5)	Seat at middle track position Seat between middle and rear most track	
1	to air bag	-01			positions	
1	(7) Not deployed				Seat at rear most track position	
1	(8) Unknown if deployed				Unknown	
	(9) Unknown	$\cap$				
		U				
48.	Was This Occupant Wearing Eye-wear?					
	(0) Not equipped/not available		1			
1	(1) No (2) Eyeglasses/sunglasses					
	(3) Contact lenses					
	(4) Deployed, unknown if eyewear worn					
	(7) Not deployed					
	(8) Unknown if deployed					
1	(9) Unknown		1			

	HEAD RESTRAINT AND SEA	AT EVALUATION continued
53.	Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 24 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 34 36 37
	(99) Unknown	
54.	Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed	
	(5) Deformed by impact of occupant	
	(6) Deformed by passenger compartment intrusion, (specify):	
	(7) Combination of above (specify):	
	(8) Other (specify):	!
	(9) Unknown	







	CHILD SAI	FETY SEAT
55.	Child Safety Seat Make/Model (000) No child safety seat	58. Child Safety Seat Harness Usage
	Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Built-in child safety seat	59. Child Safety Seat Shield Usage
	(997) Other make/model (specify):	60. Child Safety Seat Tether Usage
	(998) Unknown make/model (999) Unknown if child safety seat used	Note: Options below applicable to Variables OA58-OA60. (OO) No child safety seat
56	Type of Child Safety Seat	(66) 116 611116 621121)
	(0) No child safety seat	Not Designed With Harness/Shield/Tether
	(1) Infant seat	(01) After market harness/shield/tether
	(2) Toddler seat	added, not used
	(3) Convertible seat	(02) After market harness/shield/tether used (03) Child safety seat used, but no after market
	(4) Booster seat - with shield	harness/shield/tether added
	<ul><li>(5) Booster seat - without shield</li><li>(7) Other type child safety seat (specify):</li></ul>	(09) Unknown if harness/shield/tether
	(7) Other type child safety seat (specify).	added or used
	(8) Unknown child safety seat type	
	(9) Unknown if child safety seat used	Designed With Harness/Shield/Tether
		(11) Harness/shield/tether not used
	Child Safety Seat Orientation	(12) Harness/shield/tether used (19) Unknown if harness/shield/tether used
57.	Clina Carety Court Crieffication	(19) Unknown ii flamess/shield/tetrier used
	(00) No child safety seat	Unknown If Designed With Harness/Shield/Tether
	Designed for Rear Facing for This Age/Weight	(21) Harness/shield/tether not used
	(01) Rear facing	(22) Harness/shield/tether used
	(02) Forward facing	(29) Unknown if harness/shield/tether used
	(08) Other orientation (specify):	(OO) 11 1
	(09) Unknown orientation	(99) Unknown if child safety seat used
	Designed For Forward Facing for This Age/Weight	
	(11) Rear facing	
	(12) Forward facing	
	(18) Other orientation (specify):	
	(19) Unknown orientation	
	Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight	
	(21) Rear facing	
	(22) Forward facing	
	(28) Other orientation (specify):	
	(29) Unknown orientation	
	(99) Unknown if child safety seat used	

INJURY CONSEQUENCES	
61. Injury Severity (Police Rating)  (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown  62. Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify):   Nonfatal (3) Hospitalization (4) Transported and released (5) Treatment at scene - nontransported (6) Treatment later (7) Treatment - other (specify):  (8) Transported to a medical facility-unknown if treated (9) Unknown	63. Type Of Medical Facility (for Initial Treatment)  (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify):  (9) Unknown  64. Hospital Stay (00) Not Hospitalized  Code the number of days (up through 60) that the occupant stayed in hospital. (61) 61 days or more (99) Unknown  65. Working Days Lost  Code the number of days (up through 60) that the occupant lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown
STOP WO	ORK HERE

**VARIABLES 66-74** 

	INJURY CONSEQUENCES	TRAUMA DATA
ac ho ho 3: th (0	ime to Death  Code number of hours from time of ecident to time of death up through 24 ours. If time of death is greater than 24 ours, code number of days. (Note: 1 day = 1, 2 days = 32, n days = 30 + n up arough 30 days = 60)  Not fatal  Fatal - ruled disease  Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
68. 2r 69. 3r 	nd Medically Reported Cause of Death  To Medically Reported Cause of Death  Code the Occupant Injury from line  The Imperior of the medically reported  The Imperior of the medically reported  The Imperior of the medically reported  The Imperior of the medically reported  The Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior of the Imperior o	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given  73. Arterial Blood Gases (ABG) – HCO <sub>3</sub> (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO <sub>3</sub> (96) ABGs reported , HCO <sub>3</sub> unknown (97) Injured, details unknown (99) Unknown if injured
(9 70. Nu Th inj (0 (9	Other result (includes fatal ruled disease) (specify):  Unknown  Umber of Recorded Injuries for nis Occupant  Code the actual number of juries recorded for this occupant.  No recorded injuries  Injured, details unknown  Unknown if injured	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

Administration

U.S. Department of Transportation National Highway Traffic Safety

# **OCCUPANT INJURY FORM**

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

198B

3. Vehicle Number

04

2. Case Number - Stratum

4. Occupant Number

# **INJURY DATA**

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

	A.I.S 90							·	Injury		Occupant
	Source		Type of	Specific					Source	Direct/	Area
	of Injury	Body	Anatomic	Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Confidence Level	Indirect	Intrusion Number
	Data	Region	Structure	Structure	irijui y						
1st	<b>Б</b> .3	6. 7	7.9	8.04	9. <u>0</u> 2	10	11.21	2. <u>[5]</u>	13. 3	14	15. <u>D</u> Q
2nd	16	17.	18.9	19. <u>02</u>	20. 02	21	22. 1 2:	3. <u>151</u>	24. <u>3</u>	25	26. <u>00</u>
3rd	27	28	29	30	31	32	33 34	4	35	36	37 <u></u>
4th	38	39	40	41	42	43	44 4	5	46	47	48
5th	49	50	51	<b>52</b>	53	54	55 5	6	<b>57</b>	58	59
6th	60	61	62	63	64	65	66 6	7	68	69	70
7th	71	72	73	74	75	76	77 7	'8	79	80	81
8th	82	83	84	85	86	87	88 8	39	90	91	92
9th	93	94	95	96	97	98	99 10	00	101	102	103
10th	104	105	106 1	07	108	109	110 1	11	112	113	114
,											

				OCC	JPANT I	NJURY	DATA				
	Source		Type of	A.I.S 90 Specific		A.I.S.		Injury	Injury Source Confidence	Direct/	Occupant Area Intrusion
	of Injury Data	Body Region	Anatomic Structure	Anatomic Structure	Injury	Severity	Aspect	Source	Level	Injury	Number
11th									·	·	, <del>_</del>
12th					******		. <del></del>		·		
13th		<u></u>	*****	<del></del>		*****					
14th			_					<u></u>		· —	
15th					<u></u>		·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
16th		****	-						• • • • • • • • • • • • • • • • • • •		<del>_</del>
17th		_		<del></del>						A113000	
18th								····	-		· · · · · · · · · · · · · · · · · · ·
19th		_	_							<del></del>	<del></del>
20th			_	<u> </u>	<del></del>	_				<del></del>	<del></del>
21st											<del></del>
22nd							<del>,</del>	<u> </u>			
23rd						,		· . <del></del>			
24th		-									
25th	_		, · · · · · · · · · · · · · · · · · · ·	<del></del>							. :

# OCCUPANT INJURY CLASSIFICATION

### **Body Region**

- Head (1)
- (2) Face
- (3)Neck
- (4)Thorax
- (5)Abdomen
- (6)Spine
- **Upper Extremity** (7)
- (8)**Lower Extremity**
- (9) Unspecified

### Type of Anatomic Structure

- Whole Area
- (2) Vessels
- (3) Nerves
- (4) Organs (includes Muscles/ligaments)
- (5) Skeletal (includes ioints)
- Head LOC (6)
- (9) Skin

### Specific Anatomic Structure

Vessels, Nerves, Organs. Bones, Joints are assigned consecutive two digit numbers beginning with 02.

The exceptions to this rule apply to:

### Whole Area

- (02) Skin Abrasion
- (04) Skin Contusion
- (06) Skin Laceration (08) Skin - Avulsion
- (10) Amputation
- (20) Burn
- (30)Crush
- (40) Degloving
- (50) Injury NFS
- Trauma, other than (90) mechanical

### Head - LOC

- (02) Length of LOC
- (04) Level
- (06) of
- (08) Consciousness
- (10) Concussion

## Spine -

- (02) Cervical
- (04) Thoracic
- (06) Lumbar

## Level of Injury

Specific injuries are assigned consecutive two-digit numbers beginning with 02.

To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity.

### Abbreviated Injury Scale

- Minor Injury (1)
- (2)Moderate Injury
- Serious Injury (3)
- Severe Injury (4)
- Critical Injury (5)
- Maximum (6)(untreatable)
- (7)Injured, unknown severity

### Aspect

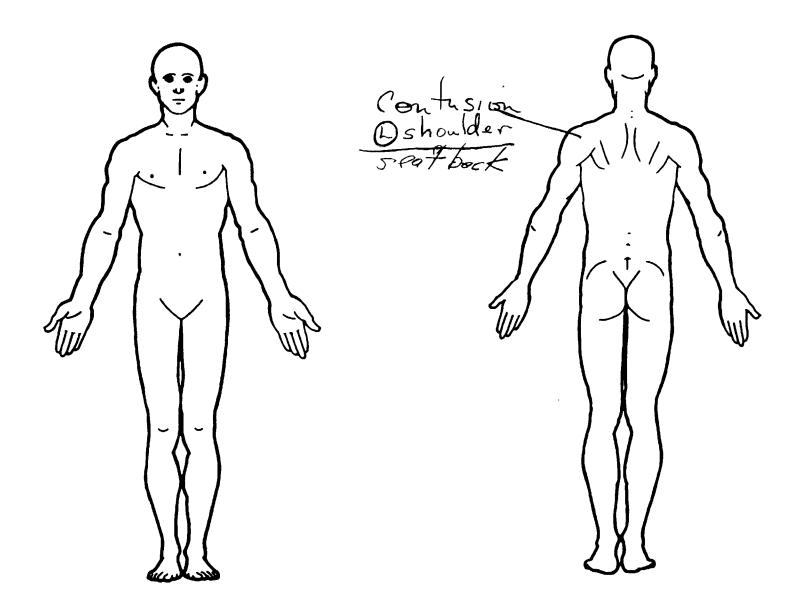
- Right (1)
- Left (2)
- **Bilateral** (3)
- (4)Central
- (5) Anterior (6)**Posterior**
- (7)Superior
- Inferior (8)
- Unknown (9)
- (0)Whole region

### DIRECT/INDIRECT INJURY **INJURY SOURCE SOURCE OF INJURY DATA CONFIDENCE LEVEL** OFFICIAL RECORDS Direct contact injury (1) Certain (1) Autopsy records with or Indirect contact injury (2) (2) Probable without hospital/medical (3) Noncontact injury (3) Possible records Injured, unknown source (2) Hospital/medical records other (9) Unknown than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic UNOFFICIAL RECORDS (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): (9) Police

			INJURY S	SOUR	CES		
FRONT		(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
(001)	Windshield		armrest		object held		(used behind wheel chair)
(002)		(103)	Right A (A1/A2)-piller	(184)	Air bag-passenger side and	(412)	Other adaptive device
•	Sunvisor		Right B-pillar		object in mouth		(specify):
•	Steering wheel rim		Other right pillar (specify):	(185)	Air bag compartment		
	Steering wheel hub/spoke		<u> </u>	•	cover-passenger side		
	Steering wheel (combination	(106)	Right side window glass	(186).	Air bag compartment	EXTER	IOR of OCCUPANT'S
(000)	of codes 004 and 005)		Right side window frame	( , , , ,	cover-passenger side and	VEHIC	LE
10071			Right side window sill		eyewear	(451)	
(007)	Steering column,		•	/197\	Air bag compartment		Outside hardware (e.g.,
	transmission selector lever,	(109)	Right side window glass	(107)	cover-passenger side and	(	outside mirror, antenna)
	other attachment		including one or more of the		ieweiry	(453)	Other exterior surface or
(800)	Callular telephone or CB		following: frame, window	/400		(400)	tires (specify):
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment		tites (specify).
(009)	Add on equipment (e.g.,		or roof side rail.		cover-passenger side and		
	tape deck, air conditioner)	(110)	Other right side object		object held	44541	Malana and a chicada
(010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
	below				cover-passenger side and		
(011)	Center instrument panel and				object in mouth		RIOR OF OTHER MOTOR
	below	INTER	IOR	(190)	Other air bag (specify)	VEHIC	
(012)	Right instrument panel and	(151)	Seat, back support			(501)	Front bumper
•	below	(152)	Belt restraint	(195)	Other air bag compartment		Hood edge
(013)	Glove compartment door		webbing/buckle		cover (specify)	(503)	Other front of vehicle
(014)	•	(153)	Beit restraint B-pillar or door				(specify):
	Windshield including one or	•	frame attachment point				
,0.0/	more of the following: front	(154)	Other restraint system	ROOF		(504)	Hood
	header, A (A1/A2)-pillar,	, ,	component (specify):		Front header	(505)	Hood ornament
	instrument panel, mirror, or		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s		Rear header		Windshield, roof rail, A-pills
	•	(1 EE)	Head restraint system		Roof left side rail		Side surface
	steering assembly (driver		Other occupants (specify):		Roof right side rail		Side mirrors
1040	side only)	(100)	Other Occupants (specify):		Roof or convertible top		Other side protrusions
(016)	Windshield including one or	14841	Interior Inges shipses	(200)	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	,000/	(specify):
	more of the following: front		Interior loose objects	EI 00	5		,apounts.
	header, A (A1/A2)-pillar,	(162)	Child safety seat (specify):	FLOOI		1540	Poor surface
	instrument panel, or mirror				Floor (including toe pan)		Rear surface
-	(passenger side only)	(163)	Other interior object	(252)	Floor or console mounted		Undercarriage
(017)	Windshield reinforced by		(specify):		transmission lever, including		Tires and wheels
	exterior object (specify)				console	(513)	Other exterior of other
				(253)	Parking brake handle		motor vehicle (specify):
(019)	Other front object (specify):	AIR B	AG	(254)	Foot controls including		
		(170)	Air bag-driver side		parking brake		
		(171)	Air bag-driver side and			(514)	Unknown exterior of other
LEFT :	SIDE		eyewear	REAR			motor vehicle
	Left side interior surface,	(172)	Air bag-driver side and		Backlight (rear window)		
,,	excluding hardware or		jewelry		Backlight storage rack,	OTHE	R VEHICLE OR OBJECT IN
	armrests	(173)	Air bag-driver side and		door, etc.		ENVIRONMENT
(OE 2)	Left side hardware or	(.,0)	object held	(303)	Other rear object (specify):		Ground
(002)		1174	Air bag-driver side and	,5007	Tallet to the delant telegram is		Other vehicle or object
IOE O:	armrest	(1/4/	<del>.</del>				(specify):
	Left A (A1/A2)-pillar	14754	object in mouth	ADAF	TIVE (ACCICTIVE) DRIVING		,,,,
(054)		(175)	Air bag compartment		TIVE (ASSISTIVE) DRIVING	/E00\	Unknown vehicle or object
(055)	Other left pillar (specify):		cover-driver side		PMENT	(099)	SURTIONAL ABUILDS OF ODJECT
		(176)	Air bag compartment	(401)	Hand controls for		CONTACT IN HIDV
	Left side window glass		cover-driver side and		braking/acceleration		CONTACT INJURY
(057)	Left side window frame		eyewear	(402)	Steering control devices		Fire in vehicle
(058)	Left side window sill	(177)	Air bag compartment		(attached to OEM steering		Flying glass
(059)	Left side window glass		cover-driver side and jewelry		wheel)	(603)	Other noncontact injury
	including one or more of the	(178)	Air bag compartment	(403)	Steering knob attached to		source
	following: frame, window		cover-driver side and object		steering wheel		(specify):
	sill, A (A1/A2)-pillar, B-pillar,		heid	(405)	Replacement steering wheel	(604)	Air bag exhaust gases
	or roof side rail.	(179)	Air bag compartment		(i.e., reduced diameter)	(697)	Injured, unknown source
(080)	Other left side object		cover-driver side and object	(406)	Joy stick steering controls		
,550/	(specify):		in mouth		Wheelchair tie-downs		
	(apaon 7).	(180	Air bag-passenger side		Modification to seat belts,		
			Air bag-passenger side and	,	(specify):		
		(101)	eyewear	(ACO)	Additional or relocated		
D			=v=\W=21	(409)	MUDICIONAL OF TRIOCATED		
RIGH		,,,,,	· · · · · · · · · · · · · · · · · · ·		audenhae (enceife).		
	Right side interior surface,	(182	Air bag-passenger side and		switches, (specify):		
		(182)	· · · · · · · · · · · · · · · · · · ·		switches, (specify):	-	

# OFFICIAL INJURY DATA — SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



Page

<b>OFFICIAL</b>	INJURY DATA	— SKELETAL	<b>INJURIES</b>

## Restrained?

No

Yes

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

## Blood Alcohol Level (mg/dl)\_

BAL =

## Glasgow Coma Scale Score

 $gcss = \sqrt{5}$ 

### Units of Blood Given

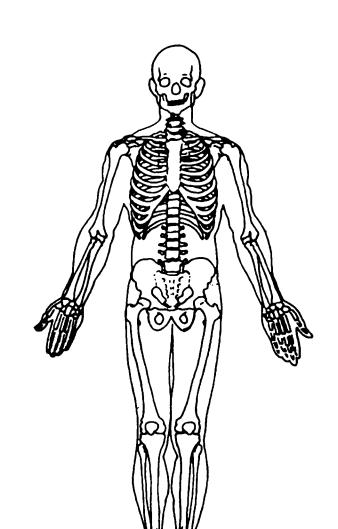
Units =

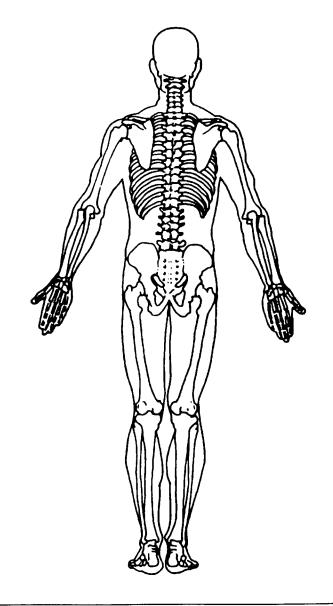
### Arterial Blood Gases

pH = \_\_. PO<sub>2</sub> = \_\_\_

PCO<sub>2</sub>

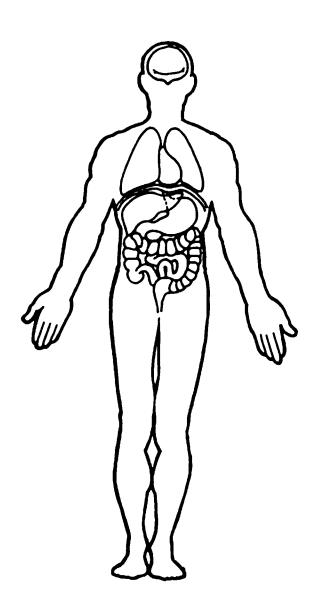
HCO<sub>3</sub>

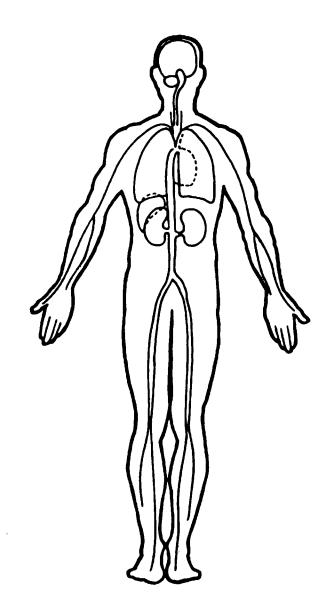




# OFFICIAL INJURY DATA -INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)







# **OCCUPANT ASSESSMENT FORM**

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

U.S. Department of Transportation

National Highway Traffic Safety

administration	OCCUPANT'S SEATING
1. Primary Sampling Unit Number	10. Occupant's Seat Position 23
2. Case Number - Stratum 1988	Front Seat
3. Vehicle NumberO	(11) Left side (12) Middle
4. Occupant NumberO_S_	(13) Right side
OCCUPANT'S CHARACTERISTICS	(14) Other (specify):(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month):  (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant  Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify):
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknown  (2 inches X 2.54 = 167 centimeters	(45) On or in the lap of another occupant  (97) In or on unenclosed area (98) Other seat (specify): (99) Unknown
8. Occupant's Weight Code actual weight to the nearest kilogram. (999)Unknown  110 pounds x .4536 = 49 kilograms  9. Occupant's Role (1) Driver (2) Passenger (9) Unknown	11. Occupant's Posture (0) Normal posture  Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown

<u>ON/EN</u>	NTRAPMENT	
0	15. Medium Status (Immediately Prior To Impact) (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown	<u>o</u>
	<ul> <li>(1) Entrapped/pinned - mechanically restraine</li> <li>(2) Could not exit vehicle due to jammed doo fire, etc. (specify): </li> <li>(9) Unknown</li> <li>17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconscious</li> </ul>	rs, - <u>4</u>
0	(2) Removed from vehicle due to injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown	
	O O	(0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown  16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restraine (2) Could not exit vehicle due to jammed doo fire, etc. (specify):  (9) Unknown  17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconscious disoriented (2) Removed from vehicle due to injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected

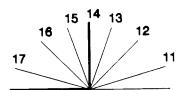
BELT SYSTEM FUNCTION						
18. Manual (Active) Belt System Availability (0) None available (1) Belt removed/destroyed (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt available—type unknown  Integral Belt Partially Destroyed (6) Shoulder belt (lap belt destroyed/removed) (7) Lap belt (shoulder belt destroyed/removed) (8) Other belt (specify): (9) Unknown	22. Shoulder Belt Upper Anchorage Adjustment (0) No shoulder belt (1) No upper anchorage adjustment for shoulder belt  Adjustable shoulder Belt Upper Anchorage (2) In full up position (3) In mid position (4) In full down position (5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment  23. Automatic (Passive) Belt System Availability/ Function (0) Not equipped/not available					
19. Manual (Active) Belt System Use (00) None used, not available, or belt removed/destroyed (01) Inoperative (specify):  (02) Shoulder belt (03) Lap belt (04) Lap and shoulder belt (05) Belt used—type unknown (08) Other belt used (specify):  (12) Shoulder belt used with child safety seat (13) Lap belt used with child safety seat (14) Lap and shoulder belt used with child safety seat (15) Belt used with child safety seat—type unknown (18) Other belt used with child safety seat (specify): (99) Unknown if belt used	(0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts - type unknown  Non-functional (4) Automatic belts destroyed or rendered inoperative (9) Unknown  24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative (1) Automatic belt in use (2) Automatic belt in use (manually disconnected, motorized track inoperative) (specify): (3) Automatic belt use unknown (9) Unknown  25. Automatic (Passive) Belt System Type (0) Not equipped/not available					
20. Proper Use of Manual (Active) Belts (0) None used or not available (1) Belt used properly (2) Belt used properly with child safety seat  **Belt Used Improperly** (3) Shoulder belt worn under arm (4) Shoulder belt worn behind back or seat (5) Belt worn around more than one person (6) Lap belt worn on abdomen (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify):  (8) Other improper use of manual belt system (specify):	(1) Non-motorized system (2) Motorized system (9) Unknown  26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly with child safety seat  Automatic Belt Used Improperly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify):					
21. Manual (Active) Belt Failure Modes During Accident (0) No manual belt used or not available (1) No manual belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify): (6) Broken retractor (7) Combination of above (specify): (8) Other manual belt failure (specify):	(8) Other improper use of automatic belt system (specify): (9) Unknown  27. Automatic (Passive) Belt Failure Modes During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify):  (6) Broken retractor (7) Combination of above (specify): (8) Other automatic belt failure (specify):					

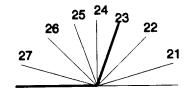
POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use  (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag  Non-functional (2) Air bag disconnected (specify):  (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown"  29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	<ul> <li>31. Frontal Air Bag System Deployment (This Occupant Position)</li> <li>(0) Not equipped/not available</li> <li>(1) Deployed during accident (as a result of impact)</li> <li>(2) Deployed inadvertently just prior to accident</li> <li>(3) Deployed, details unknown</li> <li>(4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)</li> <li>(5) Unknown if deployed</li> <li>(7) Nondeployed</li> <li>(9) Unknown</li> </ul>
Check the Primary Source Used In Determining Belt Use.  [ ] Not equipped/not available/destroyed or rendered inoperative [ ] Vehicle inspection [ ] Official injury data [ ] Driver/occupant interview [ ] Other (specify): [ ] Unknown if belt used	32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag  Non-functional (2) Air bag disconnected (specify):  (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify):

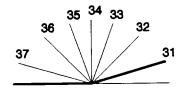
	FIRST SEAT FRONTAL AIR B	AG SYSTEM EVALUATION
35.	Had Vehicle Been in Previous Accident(s)?  (O) Not equipped/not available (1) No previous accidents  Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of + Delta V For Air Bag O O O Deployment Impact (_000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V (_997) Not deployed (_998) Unknown if deployed (_999) Unknown
36.	Type of Air Bag  (0) Not equipped/not available  (1) Original manufacturer installed system  (2) Retrofitted air bag  (3) Replacement air bag  (8) Unknown type of air bag  (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed (9) Unknown
	Had Any Prior Maintenance/Service Been Performed On This Air Bag System?  (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify):  (9) Unknown  Air Bag Deployment Accident Event	42. Were Air Bag Module Cover Flap(s) Damaged?  (0) Not equipped/not available  (1) No  (2) Yes (specify):  (3) Deployed, unknown if air bag module cover flap(s) damaged  (7) Not deployed  (8) Unknown if deployed
30.	Sequence Number  (00) Not equipped/not available  Code the accident event sequence number that initiated the air bag deployment  (96) Deployed, unknown event  (97) Not deployed  (98) Unknown if deployed  (99) Unknown	(9) Unknown  43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged  Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn
39.	CDC For Air Bag Deployment Impact  (0) Not equipped/not available  (1) Highest delta V  (2) Second highest delta V  (3) Other non-coded delta V (specify):  (6) Deployed, unknown event  (7) Not deployed  (8) Unknown if deployed  (9) Unknown	(05) Holed (06) Burned (07) Abraded (88) Other damage (specify):  (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

-	FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued		HEAD RESTRAINT AND SEAT EVALUATION
	EVALUATION continued		49. Head Restraint Type/Damage by Occupant 3
44.	Source of Air Bag Damage	$\cup$	at This Occupant Position
	(00) Not equipped/not available		(0) No head restraints
	(O1) Not damaged	ł	(1) Integral—no damage
	(O2) Object worn by occupant, (specify):	i	(2) Integral—damaged during accident
	(03) Object carried by occupant, (specify):	-	<ul><li>(3) Adjustable—no damage</li><li>(4) Adjustable—damaged during accident</li></ul>
ļ	·		(5) Add-on—no damage
	(04) Adaptive/assistive controls, (specify):		(6) Add-on-damaged during accident
	(05) Fire in vehicle	— I	(8) Other (specify):
	(06) Thermal burns		(9) Unknown
	(07) Rescue or emergency efforts		0.5
	(88) Other damage source (specify):		50. Seat Type (this Occupant Position)
1	(95) Damaged, unknown source		(00) Occupant not seated or no seat (01) Bucket
	(96) Deployed, unknown if damaged		(02) Bucket with folding back
1	(97) Not deployed		(03) Bench
ļ	(98) Unknown if deployed		(04) Bench with separate back cushions
1	(99) Unknown		(05) Bench with folding back(s)
Ì		$\wedge$	(06) Split bench with separate back cushions (07) Split bench with folding back(s)
45.	Was The Air Bag Tethered?	$\subseteq$	(08) Pedestal (i.e., column supported)
1	(0) Not equipped/not available		(09) Box mounted seat (i.e., van type)
	<ul><li>(1) No</li><li>(2) Yes (specify number of tether straps):</li></ul>		(10) Other seat type (specify):
		<u>.</u>	(99) Unknown
1	(3) Deployed, unknown if tethered		(99) Onknown
	(7) Not deployed		51. Seat Orientation (this Occupant Position)
ŀ	(8) Unknown if deployed (9) Unknown		(0) Occupant not seated or no seat
		$\sim$	(1) Forward facing seat
46.	Did The Air Bag Have Vent Ports?	1	(2) Rear facing seat (inward)
	(0) Not equipped/not available (1) No		(3) Side facing seat (inward) (4) Side facing seat (outward)
	(2) Yes (specify number of vent ports):		(8) Other (specify):
	(3) Deployed, unknown if vent ports present	_	(9) Unknown
	(7) Not deployed		(9) Olikilowii
	(8) Unknown if deployed		52. Seat Track Adjusted Position Prior To Impact
	(9) Unknown		(0) Occupant not seated or no seat
		$\bigcap$	(1) Non-adjustable seat track
47	Was the Air Bag in this Occupant's Position	$\stackrel{\smile}{-}$	Adjustable Seet Treat
	Contacted by Another Occupant? (0) Not equipped/not available		Adjustable Seat Track (2) Seat at forward most track position
	(1) No		(3) Seat between forward most and middle track
	(2) Yes (specify):		positions
		• • • •	(4) Seat at middle track position
	(3) Deployed, unknown if other occupant con-	iact	(5) Seat between middle and rear most track
	to air bag (7) Not deployed		positions (6) Seat at rear most track position
	(8) Unknown if deployed		(9) Unknown
	(9) Unknown	$\sim$	
1	AND THE PROPERTY.		
48	. Was This Occupant Wearing Eye-wear?		
1	(0) Not equipped/not available (1) No		
	(1) NO (2) Eyeglasses/sunglasses		
	(3) Contact lenses		
	(4) Deployed, unknown if eyewear worn		
	(7) Not deployed		
1	(8) Unknown if deployed		

	HEAD RESTRAINT AND SEA	AT EVALUATION continued
53	3. Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 <sup>24</sup> 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 34 36 37
	(99) Unknown	
5	64. Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed (5) Deformed by impact of occupant (6) Deformed by passenger compartment intrusion, (specify):  (7) Combination of above (specify):	
	(8) Other (specify):(9) Unknown	







OUBB	CHILD SAFETY SEAT						
55.	Child Safety Seat Make/Model	00	<u> </u>	Child Safety Seat Harness Usage	00		
	(000) No child safety seat Applicable codes are found in your NASS Data Collection, Coding and Editing (950) Built-in child safety seat	CDS	59. C	Child Safety Seat Shield Usage	00		
	(997) Other make/model (specify):	_	60. C	Child Safety Seat Tether Usage	00		
	(998) Unknown make/model (999) Unknown if child safety seat used		١ ١	Note: Options below applicable to Variables OA58-OA60. 00) No child safety seat			
56	Type of Child Safety Seat	$\mathcal{O}$	,	00, 110 ching cares, 2222			
50.	(0) No child safety seat			Not Designed With Harness/Shield/Tet			
	(1) Infant seat		(	01) After market harness/shield/tethe	er		
	(2) Toddler seat			added, not used			
	(3) Convertible seat			02) After market harness/shield/tethe			
	(4) Booster seat - with shield		(	03) Child safety seat used, but no af	ter market		
	(5) Booster seat - without shield		١,	harness/shield/tether added (09) Unknown if harness/shield/tether	•		
	(7) Other type child safety seat (specify)	<b>:</b> _	'	added or used			
	(8) Unknown child safety seat type	_					
	(9) Unknown if child safety seat used			Designed With Harness/Shield/Tether			
				(11) Harness/shield/tether not used			
		, C		(12) Harness/shield/tether used (19) Unknown if harness/shield/tethe	r used		
57.	Child Safety Seat Orientation		'	(19) Unknown if harness/shield/tether	useu		
	(00) No child safety seat			Unknown If Designed With Harness/Si	hield/Tether		
	Designed for Rear Facing for This Age/W	leiaht		(21) Harness/shield/tether not used			
	(01) Rear facing	J.J		(22) Harness/shield/tether used			
	(O2) Forward facing		(	(29) Unknown if harness/shield/tethe	r used		
	(08) Other orientation (specify):			(99) Unknown if child safety seat use	ed		
	(09) Unknown orientation						
	Designed For Forward Facing for This Ag	ge/Weight					
	(11) Rear facing						
	<ul><li>(12) Forward facing</li><li>(18) Other orientation (specify):</li></ul>						
	(19) Unknown orientation						
	Unknown Design or Orientation For This						
	Age/Weight, or Unknown Age/Weight		1				
	(21) Rear facing		ļ				
	(22) Forward facing		1				
	(28) Other orientation (specify):						
	(29) Unknown orientation						
	(99) Unknown if child safety seat used						

INJUR'	Y CONSEQUENCES				
61. Injury Severity (  (0) O - No injury (1) C - Possible (2) B - Nonincap (3) A - Incapaci (4) K - Killed (5) U - Injury, so (6) Died prior to (9) Unknown	y injury pacitating injury tating injury everity unknown	2		Type Of Medical Facility (for Initial Treatm (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify):	ent)
		4	64.	Hospital Stay (00) Not Hospitalized Code the number of days (up throug that the occupant stayed in hospital. (61) 61 days or more (99) Unknown	<u>()</u> ()
(6) Treatment I (7) Treatment -	l and released at scene - nontransported	ıif	65.	Working Days Lost  Code the number of days  (up through 60) that the occupant lost from work due to the accident  (00) No working days lost  (61) 61 days or more  (62) Fatally injured  (97) Not working prior to accident  (99) Unknown	97
	STO	p WC	) RK	HERE	

**VARIABLES 66-74** 

TO BE CODED BY THE ZONE CENTER

	TO BE COL	DED BY	THE ZONE CENTER
	INJURY CONSEQUENCES		TRAUMA DATA
66.	Time to Death  Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 days, code number of days = 30 + n up through 30 days = 60)  (00) Not fatal (96) Fatal - ruled disease (99) Unknown	ıy =	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
67.	1st Medically Reported Cause of Death	00	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given
	2nd Medically Reported Cause of Death		(specify units):(9) Unknown if blood given
69.	3rd Medically Reported Cause of Death  Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify):		73. Arterial Blood Gases (ABG) – HCO <sub>3</sub> (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO <sub>3</sub> (96) ABGs reported, HCO <sub>3</sub> unknown (97) Injured, details unknown (99) Unknown if injured
	(97) Other result (includes fatal ruled disease) (specify):		BELT USE DETERMINATION
	(99) Unknown		74 Primary Source of Polt Has Determination
70.	Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	D_1	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

U.S. Department of Transportation

National Highway Traffic Safety Administration

# **OCCUPANT INJURY FORM**

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

198B

3. Vehicle Number

4. Occupant Number

05

2. Case Number - Stratum

# **INJURY DATA**

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

	Source	A.I.S 90 Source Type of Specific						Injury Source D	Direct/	Occupani Direct/ Area	
	of Injury Data	Body Region	Anatomic Structure	Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Confidence Level	Indirect Injury	Intrusion Number
1st	53	6. 7	7. <u>9</u>	8.02	9. 🔾	-10. <u>/</u>	11. 2 120	105	13 1	4	1500
2nd	16	17	18 1	9	20	21	22 23.		24 2	5	26
3rd	27	28	29 3	30	31	32	33 34.		<b>35</b> 3	ı6	37
4th	38	39	40 4	i1	42	43	44 45.		46 4	17	48
5th	49	50	Б1. <u> </u> В	52	<b>53</b>	54	55 56.		57. <u> </u>	68	59
6th	60	61	62	63	64	65	66 67.		68 6	59. <u> </u>	70
7th	71	72	73	74	75	76	77 78.		79 8	30	81
8th	82	83	84	35	86	87	88 89.		90 9	91	92
9th	93	94	95	96	97	98	99 100.		101 10	02 1	03
10th	104	105	106 10	07	108	109	110 111.		112 1	13 1	14

			-	occi	JPANT I	NJURY	DATA				
	Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
11th										******	gandagan metrori c
12th				******							
13th									*****	andanna	
14th			*********		<del></del>				and a second		
15th	•				designation observations						
16th		<u></u>		angeon vicini						yanana	
17th			***************************************	-							<del></del>
18th					·····	<u></u>				*******	<u></u>
19th				<u> </u>		-				*********	
20th											
21st									-		
22nd							<del></del>	***************************************		***************************************	
23rd											
24th		******						·····			
25th											

DIRECT/INDIRECT INJURY

Spine 5

(02) Cervical (04) Thoracic (06) Lumbar

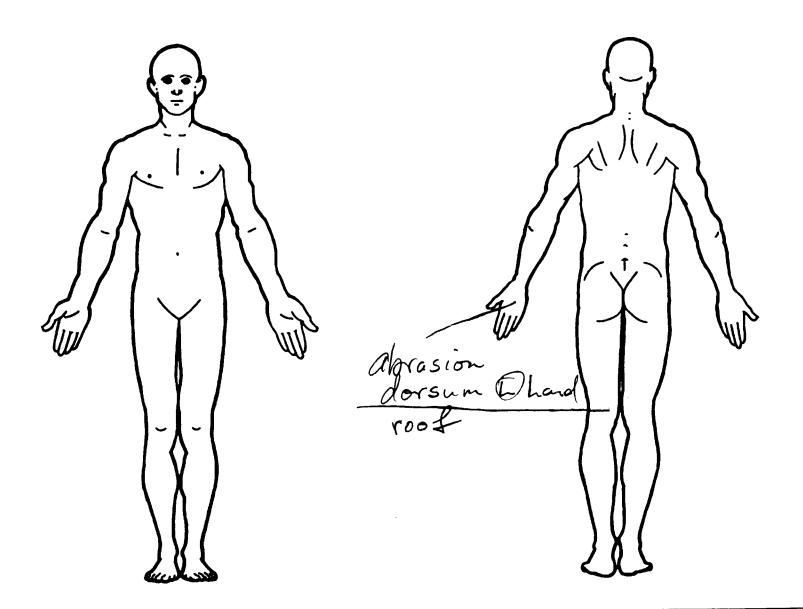
### OCCUPANT INJURY CLASSIFICATION **Aspect** Level of Injury Specific Anatomic **Body Region** Structure (1)Right Specific injuries are Head (2)Left assigned consecutive (2)Face Bilateral (3)two-digit numbers Vessels, Nerves, Organs. Neck (3)Central (4)beginning with 02. Bones, Joints are assigned (4)Thorax (5)Anterior consecutive two digit Abdomen (5)**Posterior** (6)To the extent possible, numbers beginning with (6)Spine Superior within the organizational (7)Upper Extremity 02. (7)Inferior (8) framework of the AIS, 00 (8) Lower Extremity Unknown (9)is assigned to an injury The exceptions to this rule (9) Unspecified (0) Whole region NFS as to severity or apply to: where only one injury is given in the dictionary for Type of Anatomic Whole Area (02) Skin - Abrasion that anatomic structure. Structure (04) Skin - Contusion 99 is assigned to any (06) Skin - Laceration injury NFS as to lesion or Whole Area (1)(08) Skin - Avulsion severity. Vessels (2)(10) Amputation (3)Nerves **Abbreviated Injury Scale** (20) Burn Organs (includes (4) (30) Crush Muscles/ligaments) (40) Degloving (1)Minor Injury (5) Skeletal (includes Moderate Injury Injury - NFS (2)joints) (50) (3) Serious Injury Trauma, other than Head - LOC (90) (6) Severe Injury (4) mechanical (9) Skin (5) Critical Injury Head - LOC (6)Maximum (untreatable) (02) Length of LOC Injured, unknown (7)severity (04) Level (06) of (08) Consciousness (10) Concussion

### **SOURCE OF INJURY DATA CONFIDENCE LEVEL** OFFICIAL RECORDS Direct contact injury (1) Certain (1) Autopsy records with or Indirect contact injury (2) Probable (2) without hospital/medical Noncontact injury (3) Possible (3) records Injured, unknown source (9) Unknown (2) Hospital/medical records other than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic UNOFFICIAL RECORDS (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): (9) Police

**INJURY SOURCE** 

			INJURY S	SOUR	CES		
FRONT		(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
	Windshield	(102)	armrest		object held		(used behind wheel chair)
(002)		(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(412)	Other adaptive device
	Sunvisor		Right B-pillar		object in mouth		(specify):
•	Steering wheel rim		Other right pillar (specify):	(185)	Air bag compartment		
	Steering wheel hub/spoke				cover-passenger side		
	Steering wheel (combination	(106)	Right side window glass	(186)	Air bag compartment	EXTE	RIOR of OCCUPANT'S
	of codes 004 and 005)		Right side window frame		cover-passenger side and	VEHIC	CLE
	Steering column,		Right side window sill		eyewear	(451)	Hood
	transmission selector lever,	(109)	Right side window glass	(187)	Air bag compartment	(452)	Outside hardware (e.g.,
	other attachment	,	including one or more of the		cover-passenger side and		outside mirror, antenna)
	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment		tires (specify):
	Add on equipment (e.g.,		or roof side rail.		cover-passenger side and		
	tape deck, air conditioner)	(110)	Other right side object		object held		
	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
-	below				cover-passenger side and		
	Center instrument panel and				object in mouth	EXTE	RIOR OF OTHER MOTOR
	below	INTER	IOR	(190)	Other air bag (specify)	VEHIC	CLE
	Right instrument panel and		Seat, back support		<u>-</u>	(501)	Front bumper
, - · <del>-</del> ,	below		Belt restraint	(195)	Other air bag compartment	(502)	Hood edge
(013)	Glove compartment door	•	webbing/buckle		cover (specify)	(503)	Other front of vehicle
	Knee bolster	(153)	Belt restraint B-pillar or door				(specify):
	Windshield including one or		frame attachment point				
	more of the following: front	(154)	Other restraint system	ROOF		(504)	Hood
	header, A (A1/A2)-pillar,		component (specify):	(201)	Front header	(505)	Hood ornament
	instrument panel, mirror, or			(202)	Rear header	(506)	Windshield, roof rail, A-pillar
	steering assembly (driver	(155)	Head restraint system	(203)	Roof left side rail	(507)	Side surface
	side only)	(160)	Other occupants (specify):	(204)	Roof right side rail	(508)	Side mirrors
(016)	Windshield including one or			(205)	Roof or convertible top	(509)	Other side protrusions
	more of the following: front	(161)	Interior loose objects				(specify):
	header, A (A1/A2)-pillar,	(162)	Child safety seat (specify):	FLOO	R		
	instrument panel, or mirror			(251)	Floor (including toe pan)	(510)	Rear surface
	(passenger side only)	(163)	Other interior object	(252)	Floor or console mounted	(511)	) Undercarriage
(017)	Windshield reinforced by		(specify):		transmission lever, including	(512)	Tires and wheels
	exterior object (specify)				console	(513)	Other exterior of other
				(253)	Parking brake handle		motor vehicle (specify):
(019)	Other front object (specify):	AIR B	AG	(254)	Foot controls including		
		(170)	Air bag-driver side		parking brake		
		(171)	Air bag-driver side and			(514)	) Unknown exterior of other
LEFT S	SIDE		eyewear	REAR			motor vehicle
(051)	Left side interior surface,	(172)	Air bag-driver side and	(301)	Backlight (rear window)		
	excluding hardware or		jewelry	(302)	Backlight storage rack,	отн	ER VEHICLE OR OBJECT IN
	armrests	(173)	Air bag-driver side and		door, etc.	THE	ENVIRONMENT
(052)	Left side hardware or		object held	(303)	Other rear object (specify):		) Ground
	armrest	(174)	Air bag-driver side and			(598	) Other vehicle or object
(053)	Left A (A1/A2)-pillar		object in mouth				(specify):
(054)	Left B-pillar	(175)	Air bag compartment	ADAF	TIVE (ASSISTIVE) DRIVING		
(055)	Other left pillar (specify):		cover-driver side	EQUI	PMENT	(599	) Unknown vehicle or object
		(176)	Air bag compartment	(401)	Hand controls for		
(056)	Left side window glass		cover-driver side and		braking/acceleration		CONTACT INJURY
(057)	Left side window frame		eyewear	(402)	Steering control devices		) Fire in vehicle
(058)	Left side window sill	(177)	Air bag compartment		(attached to OEM steering		) Flying glass
(059)	Left side window glass		cover-driver side and jewelry		wheel)	(603	Other noncontact injury
	including one or more of the	(178)	Air bag compartment	(403)	Steering knob attached to		source
	following: frame, window		cover-driver side and object		steering wheel		(specify):
	sill, A (A1/A2)-pillar, B-pillar,		held	(405)	Replacement steering wheel		Air bag exhaust gases
	or roof side rail.	(179)	Air bag compartment		(i.e., reduced diameter)	(697	) Injured, unknown source
(060)	Other left side object		cover-driver side and object		Joy stick steering controls		
	(specify):		in mouth		Wheelchair tie-downs		
			Air bag-passenger side	(408)	Modification to seat belts,		
		(181)	Air bag-passenger side and		(specify):		
RIGHT	SIDE		eyewear	(409)	Additional or relocated		
(101)	Right side interior surface,	(182)	Air bag-passenger side and		switches, (specify):		
	excluding hardware or		jewelry			-	
İ	armrests			(410)	Raised roof		

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



OFFICIAL INJURY DATA -	- SKELETAL INJURIES
------------------------	---------------------

Restrained?

No

Yes

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

Blood Alcohol Level (mg/dl)

BAL = \_

Glasgow Coma Scale Score

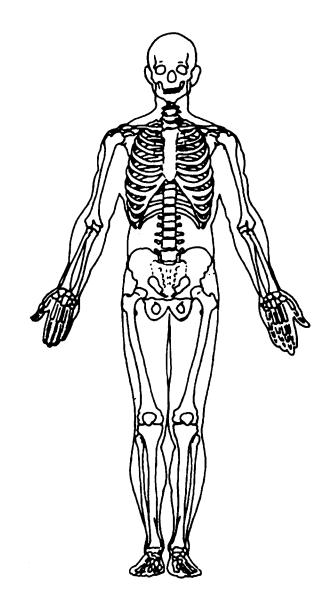
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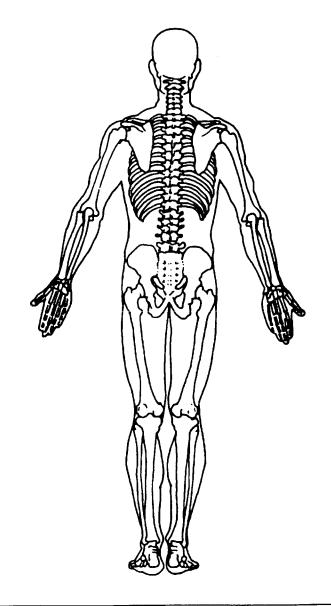
Units of Blood Given

Units =

Arterial Blood Gases

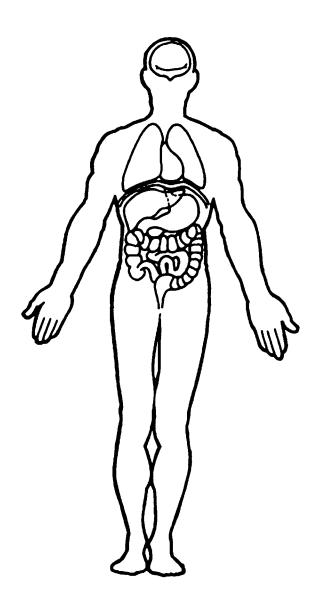
нсо,

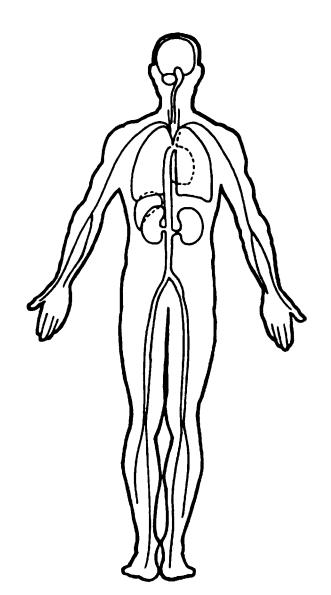




# OFFICIAL INJURY DATA -INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)





Janus

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75198800000011 958.050000000000120250000001
00174000005485312
                  0105
75198B00010012
                 ₿58.0510000000000114T3100N
                   8.05 000000000904940114JT3VN39WXL
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2311213000981608013215
                   8.05 00000000105050001840000503131620099799701005999 999 99
75198B01000022
99999999099973
                    8.05 000000000013100TDDD04
7519BB01000031
                           99825026314801000701060101001000
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75198B01000041
75198801000042
                   8.05 0000000001313311216311314311306319814331316311113219809
             210000008300010
23
75198B01010051
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75198B01010161
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75198B01010261
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75198B01010361
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75198801050161
                   8.05 0000000003790202122051100
75198800000066
                   8.05 00000000COMPACT UTILITY ROLL OVER
75198800000171
                   8.05 000000000
                                      Vehicle #1 was west bound on the entrance
 ramp onto a U.S. highway.
                           The
75198B00000271
                   8.05 00000000driver was young and inexperienced with drivin
   The driver was
                  trying to
                   8.05 00000000put on his seat belt and ran off the right sid
7519BB00000371
e of the road.
               The passenger
75198B00000471
                   8.05 000000000in the right front seat grabbed the steering w
heel and jerked it to the left
75198800000571
                   8.05 000000000and entered the highway. The Vehicle started
slidina counter clockwise.
                   8.05 00000000Either the driver or the passenger grabbed the
75198B00000671
steering wheel and the Vehicle
7519BB00000771
                   8.05 000000000started to slid, and rolled over onto the left
 side. The Vehicle rolled five
75198B00000871
                   8.05 00000000quarter turns and came to rest on it's left si
de facing northeast at the end
75198B00000971
                   8.05 000000000f the entrance ramp to the highway. The driv
er was ejected out the left
75198B00001071
                   8.05 00000000front window and came to rest along the cement
barrier.
          The vehicle was
75198800001171
                   8.05 00000000towed from the scene. Four of the occupants w
ere treated and released.
                   8.05 00000000driver was transported and pronounced dead at
75198B00001271
the hospital.
75198B00000181
                   8.05 0000000001 Compact Utility 90/Toy/4 Runner
  Top
     Severe
                    None
75198B00000191
                   8.05 00000000001 Driver
  L Front
  None
  Brain
OC.
         5 Roof of vehicle
75198B00000291
                   8.05 00000000001 Passenger
  R Front
  None
  Head
aceration 1 Roof of Vehicle
75198B00000391
                   8.05 00000000001 Passenger
  Second L
  L&S
  Knee
   Α
brasion
         1 Seat back
75198B00000491
                   8.05 00000000001 Passenger
  Second M
  Lap
  Shoul der
   C
ontusion 1 Seat back
75198B00000591
                   8.05 00000000001 Passenger
  Second R
  1 8/5
  Hand
   Α
         1 Roof
brasion
```

00000000000002

## 11 INTER ERRORS

OCTO111 2 If INTRUDING COMPONENT IV48(n) and INJURY SOURCE OI12(p) are CTO112 related as shown in Table A-15, then INTRUSION NUMBER OI15(p) should not be OO. GV=O1 OA=O5 OI=O1

HTO241 2 If GLASGOW SCORE OA71 equals 03-15, then at least one SOURCE OF HTO242 DATA 0I05(n) should equal 1-3. GV=01 OA=01

01

PSU75 CASE 198B ERROR SUMMARY SCREEN

/96

CURRENT VERSION: 8.05

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Accident	0	O	O	Y
General Vehicle	Ö	0	0	Υ
Vehicle Exterior	0	0	0	Y
Vehicle Interior	0	0	0	Υ
Occupant Assessmen	t O	0	0	Υ
Occupant Injury	0	0	O	Υ
Total Inter Errors		o	2	
Total Case Errors	0	o	2	



U.S. Department of Transportation

National Highway Traffic Safety Administration

# **SLIDE INDEX**

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Primary S	ampling Ui	nit Number	75 Case Number-Stratum 1988
Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter
1-6		west	Direction of travel
7	1	17	BRF
8	1	E/	Direction of travel
9-10	1	11	BRR & Impact w/GR
11-17		SW	Skids
18	/	West	Oil spill
19	/	NE	Opposite view
20	1	East	17 11
21-39	/		Exterior
40-55	/_		Front interior
56-59	/		Back "
60	1		Doack door
61	/		R "
6263	1		Interior & Congo of windshield
			0 '

Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter
		44.4	











































8B (1995) #21



















































































